CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Schools, Baltimore, Md., City, voted bonds, $10,000,000.

Waterworks, Baltimore, Md., City, voted bonds, $10,000,000.

Sewers, Baltimore, Md., City, voted bonds, $10,000,000.

Paving, Baltimore, Md., City, voted bonds, $8,000,000.

Library, Baltimore, Md., City, voted bonds, $7,000,000.

Masonic cathedral, Washington, D. C., Grand Lodge F.A.A.M., plans $5,000,000.

Road improvement, Colorado, State Highway Dept., budget approved, $3,904,000.

Paving, Cleveland, O., Cuyahoga Co., Bd. Comrs., takes bids soon, $3,772,163.

High school, Trenton, N. J., Bd. Educ., having sketches made, $3,000,000.

Road improvement, Virginia, State Hy. Comn., plans, $2,500,000.

Air port and conduits, Baltimore, Md., City, voted bonds, $2,500,000.

Apartment, Chicago, Ill., S. Cole, had plans prepared and soon takes bids, $2,000,000.

Auditorium, Washington, D. C., Daughters of Amer. Revolution, having plans prepared, $1,875,000.

Hydro electric plant, Del Rio, Tex., Texas Central Power Co., making surveys, $1,600,000.

Hospital and nurses home, Cincinnati, O., Christ Hospital having plans prepared $1,500,000.

Sewers, Los Angeles, Calif., City, made plans, $1,200,000.

Administration buildings, War Dept., soon takes bids, $1,110,000.

Office, San Antonio, Tex., Navarro Investment Co., plans, $1,000,000.

Hotel, San Antonio, Tex., W. J. Lytle, plans, $1,000,000.

Schools, Tennessee, appropriations, $1,000,000.

Bids Desired

Jail, Detroit, Mich., May 20, by Wayne Co., $1,000,000.

Bids Received

Waterworks, Detroit, Mich., Bd. Water Comrs. from Mark R. Hanna Co., concrete $687,457 and J. Porath & Son, brick, $1,018,547.

Contracts

Theatre and office, Syracuse, N. Y., Loews Inc., by separate contracts, $2,000,000.

Bridge, New York, N. Y., J. Miller, pres. Manhattan Boro to P. T. Cox, New York, $1,797,552.

Bridge, Gallipolis, O., Gallia County Ohio River Bridge Co. and others, to General Contg. Co., Pittsburgh, Pa., $1,150,000.

Bridge, Bridgeport, Conn., Bridge Comn., to C. W. Blakeslee & Son, New Haven, **$1,097,870.**

Hotel, Beaumont, Tex., C. Keith, to Southwestern Constr. Co., Houston, $1,000,000.

Exchange and office, Newark, N. J., New York Telephone Co., to Turner Constr. Co., New York, N. Y., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
May 20	Mansfield, O.	May 12
May 20	Boston, Mass.	May 5
May 20	Brooklyn, N. Y.	May 12
May 20	New York, N. Y.	May 19
May 21	Detroit, Mich.	May 19
May 23	Royal Oak (Ind. br. Detroit), Mich.	May 19
May 23	Fort Salonga, N. Y.	May 19
May 24	Saginaw, Mich.	Apr. 14
May 24	St. Louis, Mo.	May 12
May 24	Glencoe, Ill.	May 12
May 24	New York, N. Y.	May 19
May 24	Long Island City, N. Y.	May 19
May 25	Amenia, N. Y. Adv. May 12 and 19.	May 12
May 27	Abilene, Tex.	May 19
May 31	Silver Lake (mail Cuyahoga Falls), O.	May 12
May 31	Winnfield, La.	May 19
June 1	Youngstown, O.	Mar. 17
June 1	Detroit, Mich.	May 5
June 3	Boston, Mass. Adv. May 19.	May 19

Sewers

May 20	Richfield Springs, N. Y.	May 5
May 20	Rocky River (br. Cleveland), O.	May 19
May 23	Granville, N. Y. Adv. May 5 to 19.	May 12
May 23	Bexley (Columbus P. O.), O.	May 12
May 23	Euclid, O.	May 19
May 23	Long Island City, N. Y.	May 19
May 23	Royal Oak (Ind. br. Detroit), Mich.	May 19
May 24	Oyster Bay, N. Y.	May 12
May 24	Wash., D. C.	May 12
May 24	Columbus, O.	May 12
May 24	Birmingham, Ala.	May 5
May 24	Teaneck (mail West Englewood), N. J.	May 5
May 24	Teaneck (mail West Englewood), N. J.	May 19
May 24	Charlotte, N. C.	May 19
May 24	Eloise, Mich.	May 19
May 24	Trenton, N. J.	May 19
May 24	Chicago, Ill.	May 19
May 24	Boston, Mass.	May 19
May 25	Brooklyn, N. Y.	May 19
May 25	Phila., Pa.	May 19
May 26	Delanco, N. J.	May 12
May 27	Horton, Kan.	May 19
May 29	Birmingham, Ala.	May 5
May 29	Boston, Mass.	May 19
May 31	Winnfield, La.	May 19
May 31	Silver Lake (mail Cuyahoga Falls), O.	May 12
June 8	Detroit, Mich.	May 19
July 7	Louisville, Ky.	May 12

Bridges

May 20	Westport, Pa.	May 12
May 23	Atlantic, Ia.	May 19
May 24	Bastrop, La.	May 19
May 24	Pawtucket, R. I.	May 19
May 25	Phila., Pa.	Apr. 28
May 25	Cincinnati, O.	May 12
May 25	Williamsport, Pa.	May 19
May 25	Chesley, Ont.	May 19
May 25	Detroit, Mich.	May 19
May 25	Indiana	May 19
May 26	Akron, O.	May 12
May 26	Chicago, Ill.	May 12
May 26	Boston, Mass.	May 19
May 27	New Hampshire	May 19
May 30	Miami, Fla. Adv. May 19.	May 19
May 31	Toronto, Ont.	Apr. 14
May 31	New York and New Jersey	May 12
May 31	Maryland Adv. May 19.	May 19
June 1	Hoosick Falls, N. Y. Adv. May 19.	May 19
June 6	Miami, Fla. Adv. May 19.	May 19
June 6	Sarasota, Fla.	May 19
June 7	Minneapolis, Kan.	May 19
June 14	Hartford, Conn. Adv. May 19.	May 19

Dams

May 23	Fitchburg, Mass.	May 5
May 27	Abilene, Tex.	May 5

Excavation, Drainage, Irrigation, Levees, River and Harbor

May 25	Beardstown, Ill. Adv. May 12 and 19.	May 12
May 26	Cedar Rapids, Ia.	May 12
May 27	Tully, N. Y.	May 12
May 31	Ellis Bay, Que.	May 19
June 3	New York Adv. May 12 and 19.	May 12

Streets and Roads

May 20	New York Adv. May 5 to 19.	May 5
May 20	Akron, O.	May 12
May 20	Dale (Johnstown P. O.), Pa.	May 12
May 20	Pittsburgh, Pa.	May 19
May 21	Cleveland, O.	May 19
May 23	Crown Point, Ind.	May 12
May 23	White Plains, N. Y. Adv. May 12 and 19.	May 12
May 23	New Jersey	May 12
May 23	Waterloo, N. Y.	May 12
May 23	Akron, O.	May 12
May 23	Columbus, O.	May 12
May 23	Birmingham, Ala.	May 5
May 23	New Jersey	May 5
May 23	Euclid, O.	May 19
May 23	Moundsville, W. Va.	May 19
May 23	Syracuse, N. Y.	May 19
May 23	Boston, Mass.	May 19
May 23	Wewoka, Okla.	May 19
May 23	Des Moines, Ia.	May 19
May 24	Paola, Kan.	May 5
May 24	Columbus, O.	May 12
May 24	Maryland Adv. May 12 and 19.	May 12
May 24	Indiana	May 12
May 24	Vernon, Tex.	May 12
May 24	Huntsville, Tex.	May 12
May 24	Teaneck (mail West Englewood), N. J.	May 19
May 24	Houston, Tex.	May 19
May 24	Bancroft, Neb.	May 19
May 24	Jefferson, Wis.	May 19
May 24	Michigan	May 19
May 24	Omaha, Neb.	May 19
May 24	St. Paul, Minn.	May 19
May 24	Chicago, Ill.	May 19
May 25	Valhalla, N. Y. Adv. May 12 and 19.	May 12
May 25	Akron, O.	May 12
May 25	Anderson, Ind.	Apr. 28
May 25	Duluth, Minn.	Mar. 31
May 25	Plopolis, Que.	May 19
May 25	Indiana	May 19
May 25	Hastings, Ont.	May 19
May 25	St. George, N. Y.	May 19
May 25	Wisconsin	May 19
May 25	Baltimore, Md.	May 19
May 25	Nevada, Ia.	May 19
May 26	Eureka, Kan.	May 5
May 26	Michigan	May 12
May 26	Stevens Point, Wis.	May 19
May 26	New York, N. Y.	May 19
May 26	Michigan	May 19
May 26	Phila., Pa.	May 19
May 27	Greensburg, Kan.	May 5
May 27	Kentucky	Apr. 28
May 27	Pennsylvania Adv. May 12 and 19.	May 12
May 27	Pennsylvania	May 19
May 27	Fulton, N. Y. Adv. May 12 and 19.	May 19
May 27	Ellensburg, Wash.	May 19
May 27	New Hampshire	May 19
May 28	Michigan	May 12
May 28	Cimarron, Kan.	May 12
May 28	Duluth, Minn.	Apr. 7
May 28	Laporte, Ind.	May 19

See proposal advertising on page 142

TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Pouring LEADITE Joints on line of 12-in. c. i. bell and spigot water main.

Durable Pipe Joints

The wise man builds for the future. Supply lines and distribution systems are usually permanent installations.

Durability and quality should be the first consideration of the product used for making joints in cast iron bell and spigot water mains.

LEADITE is a good product and the leader in its field, because it has gained and retained the recognition, support and patronage of such a great number of water works men for so many years.

LEADITE has been tested and used for over 30 years, under all pressures and conditions, by water works, railroads, mines, contractors and industrial plants thruout the country.

Thousands of miles of pipe have been laid with LEADITE joints, on all sizes from 4 in. to 60 in. in diameter.

LEADITE takes the drudgery out of pipe laying; saves time, money and labor; makes flexible joints; makes joints which will stand vibration under tracks, over and under bridges; makes joints which resist electrolysis; eliminates large bell holes; reduces trench pumping and other work incidental to caulking—LEADITE requires no caulking.

Every water works man abreast of the times knows about LEADITE. LEADITE is an interesting and familiar topic at water works conventions and wherever water works men congregate.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close *See Eng. News-Record*

May 28 Portland, Ind. ..... May 19
May 28 Columbus City, Ind. ..... May 19
May 29 Grand Rapids, Mich. ..... May 19
May 30 Owen Sound, Ont. ..... May 12
May 31 St. Louis, Mo. ..... May 12
May 31 Virginia ..... May 19
Adv. May 19.
May 31 St. Louis, Mo. ..... May 19
May 31 Massachusetts ..... May 19
May 31 Maryland ..... May 19
Adv. May 19.
May 31 Los Angeles, Calif. ..... May 19
June 1 Delaware ..... May 12
June 1 Canton, O. ..... May 12
June 1 New York ..... May 19
Adv. May 19.
June 2 Birmingham, Ala. ..... Apr. 28
June 6 Easton, Md. ..... May 12
Adv. May 12 and 19.
June 6 St. Paul, Minn. ..... May 19
June 6 Fowler, Ind. ..... May 19
June 6 Martinez, Calif. ..... May 19
June 6 Angola, Ind. ..... May 19
June 6 Cornwall, Ont. ..... May 19
June 6 New Jersey ..... May 19
Adv. May 19.
June 7 Minneapolis, Kan. ..... May 19
June 7 Wabash, Ind. ..... May 19
June 7 Noblesville, Ind. ..... May 19
June 7 Lebanon, Ind. ..... May 19
June 7 Bedford, Ind. ..... May 19
June 8 Salina, Kan. ..... May 19
June 9 Russell, Kan. ..... May 19
June 15 Barberton, O. ..... May 19
June 20 Duluth, Minn. ..... May 5
June 29 Birmingham, Ala. ..... May 12

Buildings—Commercial

May 20 Stonington, Conn. ..... May 12
May 20 Uniontown, Pa. ..... May 19
May 21 London, Ont. ..... May 12
May 21 Terra Haute, Ind. ..... May 5
May 23 Ft. Wayne, Ind. ..... May 19
May 24 Newport News, Va. ..... May 19
May 24 Quakertown, Pa. ..... May 19
May 27 Ft. Wayne, Ind. ..... May 19
May 31 Chester, Ill. ..... May 19
May 31 Uniontown, Pa. ..... May 19
June 1 Seattle, Wash. ..... Apr. 28
June 30 Bremerton, Wash. ..... May 19

Buildings—Industrial

May 20 Boston, Mass. ..... May 12
May 20 Phila., Pa. ..... May 19
May 22 Cambridge (br. Boston) Mass. ..... May 5
May 23 Baltimore, Md. ..... May 19
May 31 St. Louis, Mo. ..... May 12

Buildings—Educational, Religious

Bids close *See Eng. News-Record*

May 20 Wash., D. C. ..... May 12
May 20 Phila., Pa. ..... May 19
May 21 Mexico, N. Y. ..... May 12
May 23 Sault Ste Marie, Mich. ..... May 12
May 23 Topeka, Kan. ..... May 19
May 24 Far Rockaway, N. Y. ..... May 5
May 26 Winthrop, Mass. ..... May 19
May 26 Waterbury, Conn. ..... May 19
May 27 Hutchinson, Kan. ..... May 19
May 30 Drummondville, Que. ..... May 19
June 1 Springfield, O. ..... Apr. 14
June 3 Storrs, Conn. ..... May 12
June 6 Kingston, R. I. ..... May 19
June 6 Garfield Heights (br. Cleveland), O. ..... May 19
June 7 Richmond Hill (Ind. br. Jamaica), N. Y. ..... May 12
June 7 Lake City, Fla. ..... May 19
June 7 Brooklyn, N. Y. ..... May 19

Federal Government Work

May 20 Superstructure—Cleveland, O. ..... Apr. 21
May 24 Tug—Milwaukee, Wis. ..... Apr. 28
Adv. Apr. 28 to May 19.
May 24 Refrigeration Plant—North Little Rock (Ind. br. Little Rock), Ark. ..... Apr. 28
May 25 Seaplane Hangars—Pensacola, Fla. ..... May 5
May 25 Garage—San Diego, Calif. ..... May 5
May 25 Retaining Wall—Buffalo, N. Y. ..... Apr. 28
Adv. Apr. 28 to May 19.
May 25 Dredging—New Jersey ..... Apr. 28
Adv. Apr. 28 to May 19.
May 25 Refrigeration Plant, etc.—Phila., Pa. ..... May 19
May 25 Reroofing—Great Lakes (mail Waukegon), Ill. ..... May 19
May 25 Steel Stack—Fort Mifflin (mail Phila.), Pa. ..... May 19
May 25 Repairing Lightship—Chelsea (br. Boston), Mass. ..... May 19
May 26 Storehouse, etc.—Biloxi, Miss. ..... May 5
May 27 Dredging—Los Angeles, Calif. ..... May 12
May 31 Quarters—Chicago, Ill. ..... Apr. 21
May 31 Breakwater—Muskegon, Mich. ..... May 5
Adv. May 5 to 19.
May 31 Light Towers—Key West, Fla. ..... May 12
Adv. May 12 and 19.
May 31 Refrigerating Machinery—Oteen, N. C. ..... May 19
May 31 Rip Rap—New Jersey ..... May 19
June 1 Remodeling—Portland, Me. ..... May 12

Bids close *See Eng. News-Record*

June 1 Drains—Montana and North Dakota ..... May 5
June 1 Bulkhead—Pensacola, Fla. ..... May 19
June 1 Pipe Line—New York ..... May 19
Adv. May 19.
June 2 Inspection Boat—New Orleans, La. ..... May 19
Adv. May 19.
June 3 Canal—Washington ..... Apr. 28
June 4 Dikes—Grand Pass, Mo. ..... May 19
June 10 Breakwater—Frankfort, Mich. ..... May 12
Adv. May 12 and 19.
June 10 Buildings, etc.—Livermore, Calif. ..... May 12
Adv. May 12 and 19.
June 13 Post Office, etc.—Marianna, Fla. ..... May 12
June 14 Post Office—Red Bluff, Calif. ..... May 12
Adv. May 12 and 19.
June 14 Boat—Huntington, W. Va. ..... May 19
Adv. May 19.

Unclassified

May 20 Tracks, etc.—Corona (Ind. sta. Flushing), N. Y. ..... May 12
May 20 Towing Boats—Syracuse, N. Y. ..... May 12
May 22 Playground—Concord, Mass. ..... May 5
May 23 Fire Alarm Pedestals—Syracuse, N. Y. ..... May 19
May 24 Playground—Tompkinsville (Staten Island), N. Y. ..... May 19
May 26 Boilers—Boston, Mass. ..... May 19
May 26 Fire Alarm System—Brooklyn, N. Y. ..... May 19
May 28 Swimming Pool—Lakewood (br. Cleveland), O. ..... May 5
May 31 Switching and Central Equipment, etc.—Phila., Pa. ..... May 19
June 1 Transmission Line—Ontario ..... May 5
June 1 Sanitary Work—Utica, N. Y. ..... May 19
Adv. May 19.
June 10 Stadium—Muskegon, Mich. May 19

Materials

May 23 Sand—Long Island City, N. Y. ..... May 19
May 23 Lumber and Pipe—Des Moines, La. ..... May 19
May 24 Lumber—Bastrop, La. ..... May 19
May 26 Wrought Iron or Steel Bands, etc.—New York, N. Y. ..... May 19
May 27 Rails and Tie Plates—Toledo, O. ..... May 12
May 27 Rail Bonds, Frogcrossings, etc.—Phila., Pa. ..... May 19

News of the Week

Waterworks

Proposed Work

Mass., Wakefield — Town, Special Com. plans filtration plant, incl. storage tanks and pumping system. $182,000 appropriated.

Md., Baltimore—Voted $10,000,000 bonds, water improvements, mains, etc.

La., Bernice — Defeated $45,000 bonds, complete waterworks and distribution system. $45,000. Swanson-McGraw Co., Inc., Balter Bldg., New Orleans, engrs. Noted Apr. 21.

Mich., Dearborn—Dearborn Twp., Library Bldg., plans 26,695 ft. 8 in. c.i. main in Hawthorne Valley Dist. W. M. Mitchell, Trenton, engr.

Ill., Abingdon—Defeated $40,000 bonds, additional well, enlargements and extensions to mains, new pumps, pump house, etc. W. C. Hall, mayor. Noted Apr. 14.

Wis., Milltown — Village, c/o A. M. Hystrup, clk., making plans waterworks. $23,000. Druar & Milinowski, Globe Bldg., St. Paul, Minn., engrs.

Wis., Norwalk—Village, c/o V. Wruck, clk., making plans complete waterworks. $33,000. Druar & Milinowski, Globe Bldg., St. Paul, Minn., engrs.

Minn., Chisholm—Village O. A. Borian, recdr., making preliminary survey waterworks. $25,000 (unofficial). Layne-Bowler Co., 37 West Van Buren St., Chicago, Ill., engrs.

Minn., Moorhead—Water & Light Comn., A. J. Warner, supt., plans drilling auxiliary well and installing pumping equipment. $15,000.

Kan., Oxford—Making preliminary plans complete waterworks and distribution system, also sanitary sewers in various streets. $40,000.

S. D., Watertown—Voted $45,000 bonds, improving waterworks. W. L. Shelton, city aud. Noted Jan. 13.

Mo., Butler—Soon takes bids 1 m.g. steel tank and tower, rein.-con. storage reservoir, etc. To exceed $15,000. J. W. Skikles & Co., New York Life Bldg., Kansas City, engrs.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Mo., St. Louis—Water Dept., L. Day, comr., City Hall, making preliminary plans extending mains in various streets. $150,000; also purchasing water meters and equipment, $30,000.

Mo., St. Louis—Water Comn., L. Day, comr., plans water purification system to prevent caking water pipes with lime deposits at Chain of Rocks and new Missouri River Plant at Howards Bend. $25,000. W. W. Horner, city engr.

Ark., Leachville—Making plans waterworks and sewerage system, incl. tank on tower pumping plant, sewage disposal plant, etc. $60,000. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, Mo., engr.

Ark., Manila—Making plans waterworks and sewerage system. $60,000. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, Mo., engrs.

Ark., Monette—Made preliminary plans complete waterworks and distribution system, incl. 2 deep wells, pumping equipment and building, tank on tower, mains, etc.; also complete sewerage system, incl. pumping equipment, disposal plant, etc. $65,000. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, Mo., engrs.

Texas—See "Unclassified."

Tex., Amarillo—See "Unclassified."

Tex., Big Springs—Making plans extending water distributing system. $35,000. Address L. Martin, city mgr.

Tex., Columbus—Voted $55,000 bonds, waterworks. Address O. A. Zumwalt, mayor.

Tex., Crane — Waterworks, incl. wells, pumping equipment, etc., to Henry & Holland, McCamey, $28,000.

Tex., Jacksonville—See "Unclassified."

Tex., Mercedes—See "Unclassified."

Tex., Merkel—Voted $40,000 bonds, improving and extending waterworks. Hawley & Roberts, Box 1115, Lubbock, engrs. Noted Mar. 17.

Tex., Plainview — See "Streets and Roads."

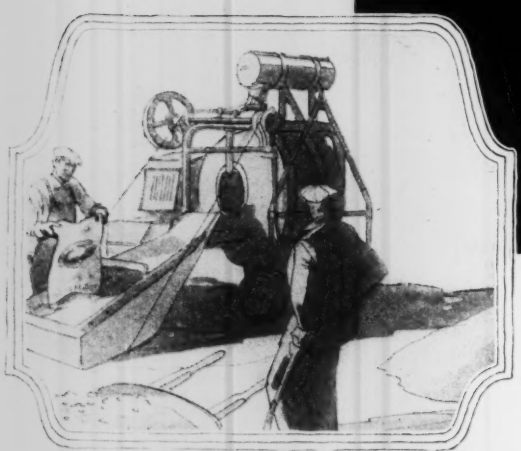
Tex., San Antonio—See "Unclassified."

Tex., Turkey — Voted $45,000 bonds, waterworks. Address Mayor. Noted Apr. 14.

Constr. News page 312

When time is money . . .

use High-Early-Strength concrete made with standard (not special) Universal Cement



Thru the use of fully tested methods, the usual material, labor and equipment, and standard—not special—Universal cement, the killing room floor of the Dreyfus Packing and Provision Co., Lafayette, Ind., was placed and ready for use over week-end. Frank J. Vester, contractor; standard Universal cement furnished by S. A. Munger Lumber Co., Lafayette, Ind. For further details use the accompanying coupon.

Packing House Floor Placed and *Ready for Use* Over Week-End

To provide a new floor for the killing room of a packing house without long interruption to business, the contractor timed his work to take full advantage of the week-end holiday period and used *High-Early-Strength* Universal Concrete.

Concrete was placed on Saturday and on Monday morning the floor was ready for use.

High-Early-Strength Universal concrete is made by using fully tested methods and standard—not special—Universal cement which, being standard—not special—sells at the regular price. It is used on all types of jobs calling for early use, stronger concrete, or both. The accompanying coupon will bring full details promptly.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago

Without obligation, please send me detailed information on methods for securing strong concrete in 3 *days* with standard—not special—Universal cement, the same quality Universal regularly used.

Name .....

Address .....

ENR 5-19-27

Waterworks (Continued)

Okla., Asher—Making preliminary plans waterworks, $15,000. C. A. Wood, city engr.

Okla., Bernice—Making preliminary plans waterworks, incl. deep well pump, 26,-300 ft. 2- to 6in. c.i. pipe, etc. $17,000. G. Russell, mayor. Engineer not selected.

Okla., Brinkman — Made preliminary plans waterworks. $20,000. Engineer not selected.

Okla., Forgan—Made preliminary plans waterworks. $22,000. C. Humphrey, mayor. Engineer not selected.

Okla., Gotebo—Making preliminary plans waterworks extensions, incl. new well pump, motor tank, 12,600 ft. 4 to 8-in. c.i. pipe, etc. $30,000. H. Justus, mayor. Engineer not selected.

Okla., Locust Grove — Made preliminary plans waterworks, incl. motor driven centrifugal pumps, 10,900 ft. 4- to 6-in. c.i. pipe, etc. $25,000. J. E. Mann, mayor. Engineer not selected.

Okla., Milburn — Making preliminary plans waterworks. $19,000. J. C. Milliken, Continental Bldg., Oklahoma City, engr.

Okla., Ponca City—Making preliminary plans extending 20,200 ft. 6- to 10-in. c.i. mains in Cross Addition here. $30,000. J. W. Crow, Ponca City, engr.

Okla., Vernon—Made preliminary plans small waterworks plant. $15,000. H. Ryan, mayor. Engineer not selected.

Okla., Wann—Making preliminary plans waterworks. $20,000. Address H. Hudson, mayor.

Wash., Centralia — Water Com. plans waterworks and distribution system. $150,-000. R. Conrad, chn. Noted Feb. 17.

Wash., Chehalis—Making plans 5 m.g. reservoir, etc. $75,000. B. Bantz, city engr. Noted Mar. 10.

Wash., Shelton—Rainer Pulp & Paper Co. plans 6 mi. 12 in. pipe line to supply plant with uninterrupted water supply. $75,000.

Calif., Healdsburg—City plans purchasing 1,400 ft. Class "B" 4 in. c.i. water pipe.

Calif., San Diego—Common Council plans waterworks, for Linda Vista Mesa Water Development, 5,149 ft. 16 in. Class 200, 4,669 ft. 10 in. Class 250, and 17,703 ft. 10 in. Class 150 centrifugal c.i. pipe, 293 ft. 6 and 8 in. c.i. Class C pipe, etc. F. A. Rhodes, city engr.

Calif., Santa Barbara—M. F. MacQuiddy, clk. Hope School Dist., plans purchasing double-acting pump to develop 20 gal. water per min.

Que., Shawinigan Falls — Plans new aqueduct to take water from Lake Des Piles or Shawinigan River. $440,000. N. J. A. Vermette, Shawinigan Falls, engr.

Ont., Toronto—Plans c.i. and wrought iron mains, vitr. tile drains and sewers in connection with new Live Stock Building in Exhibition Park. $60,500. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Boston — June 3, at office Metropolitan Dist. Water Supply Comn., 24 School St., 14,000 ft. 24 in. mains in Ashland and Framingham. R. N. Molt, secy.; E. N.-R. May 19.

N. Y., Fort Salonga—May 23, by Long Island State Park Comn., 302 Bway., New York City, additions to water supply, at Sunken Meadows State Park, here.

N. Y., Long Island City—May 24, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 33rd and 30th Rds., 147th Pl., Jefferson and 33rd Aves., Avenues I, K, O and Y, 147th, 162nd, 203rd, Stryker, East 92nd Sts., etc.

N. Y., New York — May 20, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Avenue A, Lexington, Amsterdam, Madison, Payson and 2nd Aves., Allen, East 30th, East 40th, East 102nd, West 44th, West 65th Sts., etc.

N. Y., New York — May 24, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., fire hydrants and appurtenances in various streets, Bronx Boro.

La., Winnfield—May 31 (extended date), by City, complete waterworks and distribution system. $44,000. C. D. Evans, 414 Levy Bldg., Shreveport, engr. Noted May 12.

O., Euclid—See "Sewers."

Mich., Detroit—May 21, by Dept. Purchases & Supplies, 710 Marquette Bldg., 3,600 tons 12 in. and 3,800 tons 16 in. c.i. or DeLavaud pipe, f.o.b. Detroit.

Tex., Abilene—May 27, by City, c/o C. M. Coombes, mayor, ¼ mi. earth dam across Cedar Creek for city water supply, 366,000 yd. earth work, 9,400 yd. rock rip rap, 6,266 yd. gravel blanket, 200 yd. concrete, 143,000 lb. pipe valves, etc. $300,000. W. A. Riney, city engr. Noted Mar. 24.

Contracts Awarded

Mass., Boston—Metropolitan Dist. Water Supply Bd., pumping station, furnishing and installing 250 hp. motor driven centrifugal pump and miscellaneous piping, in Southborough, to F. A. Mazzur & Co., 141 Milk St., Boston, $16,357. Noted Apr. 21.

N. Y., Liberty—Stevensville Water Dist., reservoir and distributing mains, to F. Huggler, Liberty, $48,000. Noted Apr. 28.

N. Y., Syracuse — Bd. Contr. & Supply, City Hall, constructing 2nd Sect. 36 in. conduit from Skaneateles Lake, to Provo Bros. Constr. Co., 604 North Salina St., $112,630. Noted Apr. 21.

N. J., Odgensburg — Mayor and Boro Council, Municipal Bldg., pipe and branches, to R. D. Wood & Co., 400 Chestnut St., Phila., Pa.; hydrants and valves, to Passaic Plumbing Supply Co., 822 Main Ave.; also laying pipe and branches, etc., to W. G. Fritz Co., Inc., 69 Main St., West Orange. Noted Apr. 14.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 803, to R. S. Herzog, 10 South 18th St., $99,129; and Contr. 876, to U. S. Cast Iron Pipe & Fdry. Co., 1421 Chestnut St., $8,601. Noted Apr. 14.

Md., Baltimore—Bd. Awards, excavating trenches and laying mains in Harford Rd., to Ligon & Ligon, 206 East Lexington St., for Mayor and City Council. $126,103. Noted Apr. 21.

O., Cincinnati—Hamilton Co., 14,832 ft. 6 and 8 in. c.i. mains in Water Supply Line 50, Dist. 7, to E. Meier, Ringgold Ave., $25,980. Engrs. est. $29,782.

O., Cleveland Heights (br. Cleveland)—Mains in Bendemere Rd., to Abood & Lewis Constr. Co., 626 Huron Rd., Cleveland, $18,-009; Severn and Shannon Rds., to J. B. Lynn, 16311 Saranec Rd., Cleveland, $14,-467 and $14,298 respectively. Grand total $46,774.

O., Dayton—Dept. Water, 20 East 2nd St., 4,500 lin.ft. 54 in. pre-cast rein.-con. trunk line main 2nd section Mad River main conduit, to Price Bros. Co., Harries Bldg., $92,125. Noted Apr. 21.

Mich., Detroit—Bd. Water Supply, 176 East Jefferson St., approximately 2,300 ft. 12 in. c.i. main from Detroit side of Amer. Channel of Detroit River to Belle Isle near Belle Isle Bridge, to Dunbar & Sullivan Dredging Co., 2312 Buhl Bldg., $16,997. Noted Mar. 31.

Mich., Detroit — Dept. Water Supply, rein.-con., brick and steel pumping station, pump settings, etc. for booster pumps, at Fenkell and Linwood Aves., to J. L. Beecher Co., 8014 Grand River Ave., $30,820.

Ill., Rock Island—Furnishing 50 tons 6 in. c.i. water pipe and fittings, to Natl. Cast Iron Pipe Co., 717 Peoples Gas Bldg., Chicago at $0.66 per ft., and $95 per ton respectively. Noted Apr. 14.

Wis., Racine—Racine Water Bd., 7,000 ft. 36 in. c.i. mains in various streets, to Greiling Bros., Green Bay, $122,000.

Wis., Whitefish Bay—To F. E. Kominski, Milwaukee, mains in Chouteau Pl. and Woodburn St., at $5 per ft.; and to R. J. Wilson, Appleton, Chouteau Pl. and Hollywood St. $4.60, Morris Blvd. $4.55, Belle Ave. $1.66, Island Ave. $2.74, Richards St. $2.38, North Pierce St. $2.56, 1st St. $1.16, Richards St. $2.42, Birch St. $1.88, Lexington Blvd. $2.48, Buffen St. $2.62, Belle Ave. $2.61, Carlisle Ave. $1.88, and Day Ave. $2.38. Noted Apr. 14.

N. D., Rolette—Waterworks, incl. 2 wells, one 50,000 gal. steel tank on 100 ft. steel tower, and mains in 6 blocks various streets, to Camden Constr. Co., 4709 Ewing Ave. S., Minneapolis, Minn., $15,310. Noted Apr. 7.

N. D., Williston—J. M. Hunt, city aud., approximately 5,134 ft. 6- to 12-in. watermains, 112 ft. 6 in. hydrant connection, 6,500 lb. specials, etc. in various streets, to Christiansen Bros., 279 East 3rd St., St. Paul, Minn., $18,703.

Tex., Galveston—Waterworks extensions, to U. S. Cast Iron Pipe & Fdry. Co., Burlington, N. J., $38,067; and drainage work, to W. A. Kelso Co., 2220 C St., $14,223.

N. M., Magdalina — City Comn., F. L. Hammond, mayor, 5.5 mi. 4 in. pipe line, concrete intake, and 100,000 gal. steel tank and tower, to Las Cruces Lumber Co., Las Cruces, $35,200.

Wash., Redmond — City Commissioners, 17,600 ft. c.i. pipe line supplementing present waterworks, to L. Johnsens, Kirkland, $17,915; and 100 ft. dam, to W. E. Erskine, Redmond, $6,375. Noted Apr. 21.

Calif., Bakersfield — California Water Serv. Corp., 12 in. water mains connecting eastern and western sections city, to E. H. Mellencamp, Fresno, approximately $50,000.

Calif., Los Angeles—City Purchasing Agent, to Grinnell Co. of the Pacific, 520 Water St., 600 ft. 24 in. welded steel pipe at $3.74 per ft., 3,930 ft. $3.76, and 1,074 ft. $3.76; to Crane Co., 321 East 2nd St., 60,000 ft. 6 in. bell and spigot steel pipe at $56.35 per 100 ft. Noted Dec. 2.

Calif., Los Banos—City Trustees, c.i. mains in R. St., etc., to G. DeGolyer, Bacon Bldg., Oakland, $15,990. Former bids rejected. Noted Mar. 24.

Calif., Monterey Park—To Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, 9,000 lin.ft. ⅜ in. plate, 14 in. welded steel pipe line, $17,500; to Crane Co., 321 East 3rd St., Los Angeles, 109 four in. gate valves at $9.35 each, nine 6 in. $16, and three 8 in. $26.50; to United Casting Co., 824 Wilson St., 18 four in. fire hydrants at $36.25 each, two 6 in. $38, 125 six in. valve box covers $1.05, and 10 eight in. $1.25.

Calif., San Bernardino—W. Starke, city water supt., 10,000 ft. (laid length) 6 in. asphaltum dipper steel pipe, to Grinnell Co. of the Pacific, 520 Mateo St., at $56.25 per 100 ft. Noted May 5.

Calif., San Rafael — Marin Municipal Water Dist., 1½ m.g. steel tank and Tiburon, to Chicago Bridge & Iron Wks., Rialto Bldg., San Francisco, $18,425. Noted Apr. 7.

Sewers

Proposed Work

Conn., Bristol—Approved $200,000 bonds, sewage disposal plant, at Forestville. C. W. Buell, 175 Main St., engr.

N. J., Trenton—Bd. Freeholders Mercer Co., W. C. Fowler, clk., plans drains in Homedell section. $40,000. H. F. Harris, Court House, co. engr.

Md, Baltimore—Voted $10,000,000 bonds, sewers, etc., in various streets.

Del., Dover—Soon takes bids sewers in various streets. To exceed $50,000. E. L. Williams, engr.

Ind., Anderson—Made plans trunk sewer with 17 laterals draining 1 sq.mi. in Shadeland and West Anderson Dists. $150,000. M. H. Downey, City Hall, engr. Noted May 5.

Mich., Detroit—Dept. Pub. Wks. making plans 52,141 ft. 12- to 36-in. vitr. or concrete and brick lateral sewers in Laterals 4554, 4762, 4768, 4779, 4782, 4803, 4813, 4814, 4816, 4818, 4823, 4824 and 4825. P. A. Fellows, city engr.

Ill., Rock Island—Plans sewer laterals in Sewer Dist. 14 connecting with big storm drain, and in various other sections. $25,-000. W. Treichler, Court House, engr.

Minn., Hibbing—Making plans sewers in various streets. $40,000. J. Rose, city engr.

Kans., Pittsburgh—Plans 5,900 ft. storm sewer in various streets. $80,000. L. D. Cornelius, city engr.

Kan., Topeka—Making preliminary plans sewage disposal plant. $25,000. C. A. Haskins, 822 Finance Bldg., Kansas City, Mo., engr.

Neb., South Sioux City — Made plans sewers in various streets, also disposal plant. $60,000. L. M. Hintgen, Sioux City, Ia., engr.

Mo., Independence—Jackson Co. making preliminary plans and estimates sewerage system. Black & Veatch, 700 Mutual Bldg., Kansas City, engrs.

Ark., Leachville—See "Waterworks."

Ark., Monette—See "Waterworks."

Texas—See "Streets and Roads."

Tex., Amarillo — Plans sewage disposal plant. $250,000. Engineer not selected.

Tex., Amarillo—See "Unclassified."

Tex., Bellaire—Making plans sewers in various streets. H. W. Jones, mayor. $35,-000. Private plans.

Tex., Big Springs—Making plans extending sewers in various streets, $30,000. Address L. Martin, city mgr.

Tex., Borga (mail Hillsboro)—Plans 18- to 24-in. sewers in 32 blocks various streets. $30,000. Address Mayor.

Constr. News page 312

"DOLLARS IN YOUR COFFERS"

IT is indeed hard at times to foretell just what this or that machine will do, and how it is going to benefit its owner financially.

There's one thing certain however, that if you purchase an INDUSTRIAL all-purpose crawler, you're safe. The unusual speed and sturdiness of this machine insures you against delays. The contract you are filling demands the best of you, why not use the best mechanical assistance?

Industrial performance warrants an investigation. Our office in your district will gladly direct you to an owner, where you may inquire further.

INDUSTRIAL WORKS · BAY CITY · MICHIGAN

BRANCHES

Atlanta, Ga. Hurt Bldg. · Chicago, Ill. McCormick Bldg. · Cincinnati, Ohio Dixie Terminal Bldg. · Detroit, Mich. Book Building · New Orleans, Louisiana Whitney Central Bldg. · New York City 50 Church St.

Philadelphia, Pa. Packard Building · Pittsburgh, Pennsylvania Federal Reserve Bldg. · San Francisco, Calif. Monadnock Building · St. Louis, Mo. Railway Exchange Bldg. · Tampa, Florida 823 S. Oregon Ave.

Sewers (Continued)

Tex., Jacksonville—See "Unclassified."

Tex., Karnes City—Making preliminary surveys sewerage system. $60,000. Address Mayor.

Tex., Plainview — See "Streets and Roads."

Tex., San Antonio—See "Unclassified."

Tex., Waco—Takes bids about May 28, sewers in South Waco. $35,000. Address E. V. Koch, city engr. Noted May 12.

Okla., Enid—Making surveys extending 17,000 ft. sewers in East Hackberry St. $30,000. F. C. Magruder, city engr.

Okla., Hennessey — Made preliminary plans new sewage disposal plant, incl. Imhoff tank, 1,200 ft. 12 in. pipe, etc. in various streets. $30,000. A. Brewer, city clk. Engineer not selected.

Okla., Jones — Made preliminary plans new sewerage system. $25,000. Engineer not selected.

Calif., Compton — Plans approximately 1½ mi. main trunk sewer between Long Beach Blvd. and Southern Pacific Ry. tracks between north and south city limits. G. Rood, city engr.

Calif., Los Angeles—Making plans rein.-con., monolithic concrete and elliptical arch cement sewer, etc. in Beverly Blvd. and Fairfax Ave., etc. To exceed $25,000. J. Shaw, city engr.

Calif., Los Angeles—Made plans house connections and approximately 13,930 ft. main sewer in Curson and Packard St. Sewer Dist.; 16,696 ft. 105th and Hoover St. Sewer Dist.; and approximately 23,515 ft. San Pascual Ave. and Pollard St. Sewer Dist. J. Shaw, city engr.

Calif., Los Angeles—Made plans 28,473 ft. drain, etc. in Oakwood and Laurel Ave., $200,000; also El Sereno Valley Storm Drain, $1,000,000. L. W. Armstrong, storm drain engr.

Calif., Palo Alto—E. L. Beach, city clk., rescinded contract 21,872 ft. 10- to 24-in. sewer in East Palo Alto Drainage Dist. Will readvertise. Noted Mar. 3.

Calif., Stockton — Made plans outfall sewer in Weber Ave., 88 ft. 4 in. vitr. pipe, 1,294 ft. 8- to 12-in. vitr. or pre-cast concrete pipe with one 12 in. Model 100 Calco drainage gate, 463 ft. 14 in. vitr. or pre-cast concrete pipe, 285 ft. 15 in. vitr. sewer or 16 in. pre-cast concrete pipe, and 792 ft. 21 in. vitr. sewer or pre-cast concrete pipe, incl. one 12 in. 100 Calco drainage gate, etc. W. B. Hogan, city engr.

Que., Chicoutimi—Plans main pipe to collect water from creek in Canalyse Ruis Aux Rats. $30,000. B. Pelletier, Chicoutimi, engr.

Ont., Forest Hill—Plans easement sewers, sewerage pumping station and electrical centrifugal pumps. $96,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Leamington—Town Council takes bids about June 30, aproximately 3 mi. 8 in. and up vitr. tile and concrete sewerage system in southern section. $50,000. J. J. Newman, Davis Blk., Windsor, engr. Noted Mar. 17.

Ont., St. Catharines — Grantham Twp. making plans 1½ to 2 mi. 8 in. and up vitr. tile sewers in Orchard Park Section, $28,000. Rutherford & Smith, 24 Queen St., engrs.

Ont., Toronto—York Twp. plans approximately 10 mi. 8 in. and up vitr. tile and concrete sewers in various streets. $353,442. F. B. Goedike, 40 Jackson St., engr.

Ont., Toronto—See "Waterworks."

Bids Desired

Mass., Boston — May 29, by Dept. Pub. Wks., sewerage works in West Roxbury Parkway, and West Border Rd., etc. in West Roxbury. $25,000. J. H. Sullivan, comr.

Mass., Boston—May 24, by Dept. Pub. Wks., sewerage works in Weeks Ave., Alpheus Rd., Bates, Jeffers and Mansfield Sts.; May 29, in West Border Rd., West Roxbury Parkway, and New Park Ave., in West Roxbury. $25,000. J. H. Sullivan, comr.

N. Y., Brooklyn — May 25, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Linden Blvd., Oceanview Ave., Dahill and Quentin Rds., East 3rd, East 53rd, West 1st, East 54th, East 29th and 72nd Sts., etc.

N. Y., Long Island City—May 23, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Rockaway Blvd., Seagirt, Ditmars, Patterson and Burnside Aves., Beach, 32nd, 121st, 120th, 122nd, 38th, 39th, 40th, 41st, 42nd St., and 43rd Sts., etc. Noted May 12.

N. J., Teaneck (mail West Englewood)—**May 24, by Teaneck Twp. Com., Municipal** Bldg., storm drainage system in Vanderlinda Ave., Norma, Grange, and Teaneck Rds. A. Noack, 236 Main St., Hackensack, engr.

N. J., Trenton — May 24, by Bd. Freeholders Mercer Co., storm water drain in Olden Ave. and private lands. $30,000. H. F. Harris, Trenton, co. engr.

Pa., Phila.—May 25, by Dept. Pub. Wks., main sewers in Garland St. and Washington Lane.

N. C., Charlotte—May 24, by City, Sugar Creek, disposal plant, compressor house and sewage pumping plant and pumps, aeration and settling tanks, sludge digestion tanks, steel gas holder, laboratory house, 170 tons c.i. pipe, 200 tons reinforcing, etc. W. M. Platt, Durham, engr.

La., Winnfield—May 31 (extended date), by City, sanitary sewerage system, disposal plant, etc. C. D. Evans, 414 Levy Bldg., Shreveport, engr. Noted May 12.

O., Euclid—May 23, by Village, sewer and watermain in Tracy Ave., East 236th and East 238th Sts. F. A. Thomas, Town Hall, engr.

O., Rocky River (br. Cleveland)—May 20, by Village, constructing sewer and watermain in Hilliard Rd. E. H. Arnold, Town Hall, engr. Noted Mar. 31.

Mich., Detroit—June 8, by J. W. Reid, comr. Pub. Wks., approximately 14.5 mi. 30 in. to 11½ ft. sewers. P. A. Fellows, city engr.; adv. E. N.-R. May 19.

Mich., Eloise—May 24, by Hoad, Decker, Shoecraft & Drury, engrs., Ann Arbor, intercepting sewer, Imhoff tank, contact filters, sludge beds and appurtenances at Eloise Hospital, here, for Wayne Co. (Detroit).

Mich., Royal Oak (Ind. br. Detroit)—May 23, by R. J. Whitney, city mgr., 24,000 ft. 12- to 30-in. brick, concrete and vitr. crock sewer in Combined Sewer Dist. 1. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Chicago — May 24, by Bd. Local Impvts., Room 207, City Hall, tile sewers with brick manholes and catch basins in 14 streets and avenues. M. J. Faherty, pres.

Kan., Horton — May 27, by City Clerk, sewage disposal plant and sanitary sewers in various streets. $55,000. Former bids rejected. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs. Noted Apr. 28.

Tex., McAllen — Taking bids and open same about May 25, extending sewerage system into Louise Addition. $30,000. E. M. Card, city engr.

Calif., Inglewood—Taking new bids 3,546 ft. 8 in. vitr. sewer in Municipal Dist., 1, and 17,800 ft. Municipal Dist. 2. Former bids rejected. W. Peffer, city engr. Noted Mar. 10.

Calif., Stockton—A. L. Banks, city clk., taking bids vitr. or concrete sewers, etc., in West Tuxedo Dist. $35,000. W. B. Hogan, city engr.

Ont., London—See "Contracts Awarded."

Contracts Awarded

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in Lafayette Ave., to Anita Constr. Co., 2975 Marion Ave., $41,865. Noted Apr. 28.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, sewers in Amboy Rd. and Prospect Ave., to G. Orrico, 500 Britton Ave., West New Brighton, at $5,011 and $4,250 respectively. Noted Apr. 21.

N. J., Newark—Passaic Valley Sewerage Comrs., 20 Branford St., constructing Sect. 4 Passaic Valley Sewerage Works, incl. two 180 x 185 ft. rein.-con. tanks, 62,500 gal. capacity, to Spinnello Constr. Co., 493 Monroe St., Orange, $746,861. Engrs. est. $900,000. Noted Apr. 14.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, to F. Jafallo, 10 Ryders Ave., branch sewers in Ditman St. $5,150, to McIntyre Constr. Co., 6811 Franklin Ave., Erdick St. $4,498, Montague St. $4,891, to Pezagno & Hirsh, 907 South 13th St., 4th St. $8,732, Richmond St. $19,953, 33rd St. $6,552, and Whitaker Ave. $12,105, to Sabatini Vallone & Co., 1720 South Chadwick St., Groves St. $29,683, to O'Neill Co., 127 Eremaid St., Lawnton St. $4,749, to A. DiSandro & Son, 6400 North 5th St., Limekiln Pike between Johnson and Cliveden Sts. $6,855, Limekiln Pike between Bayard and Upsal Sts. $12,503, M St. $7,904, to F. Di Pasquale, 1215 South 7th St., Longshore St. $7,353, and Loretto St. $9,694, to Almino Frunzi, 513 High St., Marsden St. $3,964, to F. T. Buckins, 4050 Kensington Ave., Ontario St. $1,606, to Garson & Garson, 1243 South 58th St., Tackawanna St. $1,124, to Albert & Perna, 362 North 65th St., Walker St. $1,866, to J. J. McHugh Co., 1617 Race St., Walnut Lane $14,042, and to Leva Bros., 104 West Gale St., Whitaker Ave. and Tampa St. $18,936. Grand total $182,230.

Md., Baltimore — Bd. Awards, storm drains and sanitary sewers in miscellaneous sewer districts, Storm Water Contr. 104, to Catalino & Picora, Knickerbocker Bldg., $49,904. Noted Mar. 31.

O., Akron—W. F. Peters, dir. Pub. Serv. 3,015 ft. 12- to 39-in. trunk sewer along Akron, Canton & Youngstown R.R. tracks between Newton St. and Goodyear Blvd., to T. E. McShaffrey Constr. Co., 173 South Forge St., $35,483. Engrs. est. $35,200.

O., Cleveland Heights (br. Cleveland)—Sewers in Bendemere Rd., to M. P. Nero, 11518 Mt. Overlook Ave., Cleveland, $23,700; also Severn and Shannon Rds., to Curro & Whittaker Co., Engineers Bldg., Cleveland, $23,360 and $22,825 respectively. Grand total $69,885. Noted Apr. 7.

O., Cincinnati—Hamilton Co., constructing Sanitary Sewer 26, Dist. 4, 11,013 ft. 6 and 8 in. vitr. clay, and 2,450 ft. 8 in. c.i. pipe, to J. R. Crew, Regent Ave., Norwood, $29,264. Engrs. est $41,167. Noted Mar. 31.

O., Parma (br. Cleveland)—Sewer in Fortuna Ave., to Kassouff & Co., 2600 Allthen Ave., Cleveland, $25,500. Noted Mar. 21.

O., Rocky River (br. Cleveland)—Sewer in Center Ridge Rd., to Gantose Constr. Co., Brookpark Rd., Cleveland, $146,742; Wooster Rd., to Sheets & Canfield Co., Columbus, $66,240; and Northview Ave., to Ohio Eng. Co., Lorain, $98,210. Grand total $311,192.

Mich., Detroit — Brick and concrete sewers in Seven Mile Rd. Sect. 10 of Connors Creek Sewer, to T. D. Nolan, 106 West Montana Ave., $65,600; Hubbell Ave. Sect. 3, to S. A. Healey, 1007 Amer. State Bank Bldg., $181,625; Plymouth Ave. Arm East of Mill Road Sewer, to Detroit Drainage Constr. Co., $113,935; Hubbell Ave. Sewer, Sect. 2, and Plymouth Ave. Arm west of Hubbell Ave. Sewer, to J. Porath & Son, 903 Transportation Bldg., $254,393; Ashland Ave. Sect. 3 and Seven Mile-Annott Arm of Ashland Ave. Sewer, to Central Contg. & Eng. Co., 17576 Wyoming Ave., $185,260. Grand total $800,813. Noted Apr. 7.

Mich., Fordson—For 1,255 ft. 5 ft. 9 in. brick and concrete sewer in Wyoming Ave., to J. Brogan & Son, Transportation Bldg., Detroit, $25,000. Noted Nov. 11.

Ill., Elmhurst—Sewage disposal plant, and 28,920 ft. 8- to 54-in. sewers, etc. in various streets, to Gjellefald Constr. Co., Forest City, Ia., $162,340. Engrs. est. $293,699. Noted Jan. 28, 1926.

Wis., Whitefish Bay—W. H. Olkmann, village clk., 6,914 ft. 8- to 10-in. sanitary sewers in Fairmont, Carlisle, and Island Aves., Hampton Rd., Chouteau Pl., Lexington Blvd., 1st and Richards Sts., to Ribbens Bros., Milwaukee. Noted Apr. 7.

Ia., Sioux City—Sewers in Edgewater Park, to W. H. Delvin, Box 426, $18,000; and 2,100 ft. in 27th and Lowell Sts., to W. B. Carter, 606 United Bank Bldg., $25,000. Noted Apr. 14.

Kan., Parsons—Sewage disposal plant, to Carrothers & Nelson, 600 Walsix Bldg., Kansas City, Mo. Engrs. est. $80,000. Noted Mar. 17.

N. D., Williston—J. M. Hunt, city aud., storm sewers in various streets, to W. E. Kennedy, 7 Bway., Fargo, $53,464. Noted Apr. 21.

Mo, St. Louis—Bd. Pub. Wks, 208 City Hall, Wherry Ave Joint Dist. Sewer, Sect. 1, 5,850 ft. 33 in. to 12 ft. rein.-con., brick, segmental block and vitr. clay pipe, etc., and Sect. 2, same sewer, 8,650 ft. 30 in. to 9 ft. pipe, etc., to R. J. Blackburn, 7308 Lyndover St., $168,009 and $154,102 respectively; also Loughborough Joint Sewer, 4,010 ft. 39- to 72-in. pipe, etc., to F. A. Stiers, Garrison Ave. and Magazine St., $56,966. Grand total $379,077. Noted Apr. 7.

Ark., Dardanelle — See "Streets and Roads."

Tex., Baird—Sewerage system, to Barker & Davis, North Texas Bldg., Dallas, $30,000.

Ark., Texarkana — See "Streets and Roads."

Tex., Mercedes—Supplying concrete pipe for 8- to 20-in. mains and 4- to 6-in. laterals, to Mercedes Concrete Pipe Co., Mercedes, approximately $55,000.

Tex., Mercedes — Laying pipe, ditching, etc., for sewers in various streets, to Agar & Gentry, San Benito, approximately $40,000.

Constr. News page 314

What One Road Contractor Says:

"We have one of your Portable Gasoline-Engine-Driven Compressors, two 'Jackhamer' Drills, and one No. 33 Sharpener outfit. The equipment and your service are giving the very highest degree of satisfaction.

"These compressor outfits will reduce costs on every kind of rock work. Were I again to start in the contracting business knowing what I now do, my first equipment would be an Ingersoll-Rand Portable Compressor Outfit, some 'Jackhamer' Drills, and a 'Leyner' Sharpener."

Dozens of other contractors, communities, public utility companies, etc., are using I-R equipment with equally satisfactory results. It will pay you to secure full information. Write for our new 140-page edition of "100 and 1 Ways to Save Money with Portable Compressors."

R-1299

INGERSOLL-RAND COMPANY—11 BROADWAY, NEW YORK, N. Y.
A. S. CAMERON STEAM PUMP WORKS
Offices in Principal Cities the World Over
FOR CANADA REFER—CANADIAN INGERSOLL-RAND CO. LIMITED, 10 PHILLIPS SQUARE, MONTREAL, QUEBEC

110-PC

Ingersoll-Rand

Sewers (Continued)

Tex., Galveston—See "Waterworks."

Tex., Houston—Storm sewers between Houston Belt & Terminal Ry. and Galveston, Harrisburg & San Antonio Ry. tracks, to C. K. Horton, 2202 Clay Ave., $27,650. Engrs. est. $35,000.

Okla., Tulsa—For 6,800 ft. 36 in. concrete sewers in district from 11th to Harvard Sts., to W. B. Carter, Sioux City, Ia., $39,346. Engrs. est. $44,000.

Wash., Tacoma—For 35,900 lin.ft. 8- to 54-in. rein.-con. sewers with lateral connections in Local Impvt. Dist. 1144, to Olympic Constr. Co., 1326 Northlake St., Seattle, $158,953. Engrs. est. $189,000.

Calif., Los Banos—City Trustees, 43,762 ft. 6- to 24-in. vitr. sewer extensions, to J. Currie, 1100 Peninsula Ave., Burlingame, $72,515. Noted Mar. 24.

Calif., San Jose—J. J. Lynch, city clk., concrete storm water drainage sewer, etc., in Campbell Ave. and Newhall St., etc., to W. J. Tobin, 527 Santa Ray Ave., Oakland, $156,091. Noted Apr. 28.

Ont., London—Will build (1 unit) west end sewage disposal system, incl. coarse screens, grit chambers, fine screens and by pass channels, by day labor, under supervision. W. P. Near, city engr. $50,000.

Waste Disposal

Contracts Awarded

R. I., Providence—City, W. E. Hartwell, city engr., constructing building for incinerator plant, to E. Turgeon, 36 Exchange St., $85,000. Noted Feb. 3.

Bridges

Proposed Work

Tennessee—See "Streets and Roads."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans bridges over Tennessee River on Knoxville-Maryville Rd., and over Clinch River, on Kingston Rd., near Kingston, in Knox and Blount Counties to exceed $25,000; and bridge over Hiawassee River, at Georgetown, Meigs Co., to exceed $25,000. C. N. Bass, highway comr.

Tennessee — State Dept. Highways & Pub. Wks., Nashville, plans 16 bridges. $11,000,000. C. N. Bass, comr.; adv. E. N.-R. May 19.

O., Cleveland — Cleveland Union Terminal Co., Marshall Bldg., made plans 3 deck rein.-con. viaduct connecting with center tower building (now under construction), Prospect Ave. (East Sect.) $400,000. Graham Anderson, Probst & White, 80 East Jackson St., Chicago, Ill., engrs.

Wisconsin—State Hy. Comn., and W. H. Taylor, comr., Chippewa Co., Chippewa Falls, making plans New Auburn-Bloomer Bridge 1, in Auburn; New Auburn-Bloomer Bridge 2, Bloomer; New Auburn-Bloomer Bridges 3, 4 and 5; also New Auburn-Bloomer Bridge 6, Woodmohr. C. H. Kirch, bridge engr.

Wisconsin—State Hy. Comn., Madison, Fond du Lac Co., G. Treleven, comr., Fond du Lac, made plans Krans Bridge, in Gratton, and Simonin Bridge, in Lamartine. C. H. Kirch, bridge engr.

Wisconsin—Marathon Co., J. A. Clark, comr., Wausau, appropriated $750, constructing bridge in town of Berlin; $400, 1 bridge town of Bern; $3,000, 2 bridges towns Brighton and Spencer; $4,400, 3 bridges, Easton; $3,000, 3 bridges, town of Day; $1,000, 2 bridges, Frankfort; $1,600, 1 bridge, Guenther; $1,000, 1 bridge, Hamburg; $2,000, 1 bridge, Hewitt; $1,000, 1 bridge towns of Hewitt and Lincoln; $14,000, 1 bridge town of Hull; $500, repair 1 bridge town of Johnson; $1,500, 1 bridge, town of Maine; $1,400, 2 bridges McMillan; $2,000, 1 bridge, Mosinee; $600, 1 bridge towns Norrie and Ringle; $4,000, 1 bridge Reitbrock; $2,500, 1 bridge town of Spencer; $1,200, 1 bridge towns of Spencer and Brighton; $1,000, repair 1 bridge town of Stettin; and $11,800, 2 bridges, Wausau. G. E. Eldred, acting div. engr.

Wis., Green Bay — See "Streets and Roads."

Wis., La Crosse—State Hy. Comn., Madison, making plans Hunters Bridge 300 ft., long, concrete and steel, on State Trunk Highway 11, here, La Crosse Co. $280,000. C. H. Kirch, bridge engr.

Minn., Duluth—City, G. P. Phillips, comr., making plans replacing aerial bridge with 275 ft. rein.-con. lift bridge, 55 ft. over Minnesota Point Canal. $370,000. Harrington, Howard & Ash, 1012 Baltimore St., Kansas City, Mo., engrs.

Kan., Bennington—Ottawa Co. (Minneapolis) plans four 40 ft. deck and one 142 ft. arch span bridge, on Federal Aid Project 254-B, near here. L. R. Miller, Minneapolis, engr.

Kan., Sedan—See "Streets and Roads."

Texas—Waller Co. (Hempstead) and Washington Co. (Brenham) plans 275 ft. rein.-con. and steel bridge across Brazos River. $300,000. Address Engineer Washington Co.

Tex., Cameron—See Streets and Roads."

Tex., Clairemont — See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

Tex., Longview — See "Streets and Roads."

Tex., Lubbock—See "Streets and Roads."

Tex., Raymondville — See "Streets and Roads."

Tex., Victoria—See "Streets and Roads."

Tex., Wharton—See "Street and Roads."

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary plans 6,000 ft. pile trestle bridge over Red River, at Grandfield, Tillman Co., $65,000; and 1 span 106 ft. steel truss bridge on concrete piers over Gaines Creek at Crowder, Pittsburg Co., $42,000. J. M. Page, highway engr.

Wash., Seattle—Making plans concrete and steel bridge, on West Garfield St., $660,000; also restoring West Wheeler St. Bridge, $137,200. W. C. Morse, city engr. Noted Dec. 30.

California—State Hy. Dept., Sacramento, making surveys bridge over Wilson Creek, Glenn Co., $8,000; bridge over Stockton Diverting Canal, San Joaquin Co., $45,000; and bridge over Wild Cat Creek, Contra Costa Co., $20,000. R. M. Morton, Strub Bldg., highway engr.

Calif., Fullerton—Plans 3 bridges one on Brea-Whittier Blvd., one on North Richman Ave. and other on North Malden Ave. To exceed $25,000. J. C. Wright, Pacific Electric Bldg., Los Angeles, engr. Noted Mar. 10.

Que., Cap de la Madeleine—City and Govt. plan concrete and steel bridge over St. Maurice River, here. $340,000. I. E. Vallie, Quebec, engr.

Que., Grand Mere—Making plans 800 ft. concrete and steel bridge over St. Maurice River. $350,000. J. A. Bernier, Grand Mere, engr. Noted Mar. 10.

Bids Desired

New Hampshire—May 27, by State Hy. Dept., Concord 1 span, 30 ft. rein.-con. deck girder bridge over Lane River, 4 span, 80 ft. rein.-con. slab bridge over Houghton Brook, and 3 span 99 ft. rein.-con. slab bridge over Wise Brook, all foregoing in Walpole and Cheshire.

Mass., Boston—May 26, by Metropolitan Dist. Comn., 454 ft. rein.-con. stone and steel bridge, granite piers, Savin Hill Ave., to Freeport St. Dorchester, for Commonwealth of Massachusetts. $1,000,000. J. R. Rablin, 1 Ashburton Pl., engr. Noted Dec. 9.

R. I., Pawtucket — May 24 (extended date), by City, Bridge Com., concrete bridge over Ten Mile River. To exceed $25,000. G. A. Carpenter, city engr. Noted May 12.

Conn., Hartford—June 14, by J. A. Macdonald, state highway comr., steel plate girder bridge, etc. over Poquetanock Cove between Preston and Ledyard. J. Smith, Thayer Bldg., Norwich, div. engr.; adv. E. N.-R. May 19.

N. Y., Hoosick Falls—June 1, by Town Bd. of Hoosick, Hoosick Falls, at office Town Clerk, reconstructing Shop Bridge over Hoosick River, here. G. S. Thompson, 257 Bway., Troy, engr.; adv. E. N.-R. May 19.

Pa., Phila.—See "Materials."

Pa., Williamsport — May 25, by Comrs. Lycoming Co., L. O. Bower, clk., low type riveted steel struss bridge on concrete abutments over Muncy Creek, and same type in Muncy Creek Twp.; concrete paving, etc. Du Boistown Bridge, also Jersey Shore Bridge; and jacket wall on east abutment Siegel Bridge, Mifflin Twp. M. C. Krause, Court House, engr.

Maryland — May 31, by State Roads Comn., Baltimore, rein.-con. arch bridges Contr. C1-69, Carroll Co., and Contr. F-107 Frederick Co.; also rein.-con. girder bridge, Contr. F-108, Frederick Co. J. N. Mackall, chn.; adv. E. N.-R. May 19.

Fla., Miami—May 30, by City Comn., portions of bridge over Miami River, at Northwest 12th Ave. Harrington, Howard & Ash, Kansas City, Mo., and New York City, consult. engrs.; adv. E. N.-R. May 19. Noted Feb. 17.

Fla., Miami — June 6, by City Comn., portions of bridge over Miami River, at Northwest 12th Ave. Harrington, Howard & Ash, Kansas City, Mo., and New York City, consult. engrs.; adv. E. N.-R. May 19. Noted Feb. 17.

Fla., Sarasota — June 6, by Comrs. Sarasota Co., constructing bridge over New Pass. F. E. Schnepfe, co. engr.; adv. E. N.-R. May 19.

La., Bastrop—May 24, by Police Jury Morehouse Parish, constructing 593 ft. steel and timber bridge, 16 ft. roadway over Bayou Bartholomew, at Point Pleasant, point 2 mi. west of here. J. L. White, parish engr.

Indiana—May 25, by J. D. Williams, dir. State Hy. Comn., Indianapolis, 28 ft. bridge, on U. S. Road 27-N, Allen Co.; 7 bridges, on Road 32, Boone Co.; 40 ft. bridge, on U. S. Road 27-O, and 18 ft. bridge on U. S. Road 27-Q, DeKalb Co.; three 77 ft. span bridge, on Road 32-D, Hamilton Co.; 40 ft., 60 ft., 80 ft. and 84 ft. span bridges on Road 34-G, Hendricks Co.; two span 24 ft., two span 38 ft. and two triangular span bridge over Monon R.R. tracks on U. S. Road 41-V, Lake Co.; 24 ft. bridge, on U. S. Road 30-E, La Porte Co.; 18 ft. and 36 ft. span bridge, on Road 32-A, Montgomery Co.; 24 ft., 28 ft., and 150 ft. span bridges, on Road 29-U, Starke Co.; also 36 ft. bridge, on U. S. Road 27-S, Steuben Co. $250,000. J. D. Williams, dir.

Mich., Detroit — May 25, by Hubbell, Hartgering & Roth, engrs., 2640 Buhl Bldg., 35 ft. concrete arch bridge and concrete arch dam in Southfield Twp., for Holy Sepulchre Cemetery, c/o M. J. Gallagher, pastor, Washington Blvd. $50,000.

Ia., Atlantic—May 23, at office Auditor Cass Co., one 120 x 20 ft. and three 122½ x 16 ft. high truss bridges. G. F. Canon, Atlantic, co. engr.

Kan., Minneapolis — June 7, by Clerk Ottawa Co., four 40 ft. and one 140 ft. span bridge, on Federal Aid Project 254-B. L. R. Miller, Minneapolis, co. engr.

Calif., Santa Ana — May 24, by J. M. Backs, clk. Orange Co., eight 54 ft. span rein.-con. bridge over San Juan Creek. W. K. Hillyard, Santa Ana, co. surv.

Ont., Chesley—May 25, by Amabel Twp., Ruths Bridge, 74 ft. span steel truss, concrete abutments on timber piles, Contr. 11. $25,000. R. C. McKnight, Court House, Owen Sound, engr.

Contracts Awarded

Vt., Marshfield—State Bd. Highways, Montpelier, 45 ft. concrete bridge and approaches, here, to Central Constr. Co., Lawrence, Mass. $16,592. Noted Apr. 28.

Massachusetts—Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, rein.-con. pile bridge, in Dover and Needham, to Aberthaw Constr. Co., 201 Marginal St., Chelsea, $20,282. Noted May 5.

Rhode Island—State Bd. Pub. Roads, State House, Providence, Bridges 215 and 216, concrete to D'Alcia & McCarthy, Newton, Mass., $6,380; Bridge 219 to H. A. Armstrong, Pawtucket, $3,483; Bridges 220 and 221, to Eng. Serv. & Constr. Co., 220 Devonshire St., Boston, Mass., $8,380; and Bridges 222 and 223, to Bowerman Bros., 230 Ind. Tr. Bldg., Providence, $7,605. Grand total $25,848.

Conn., Bridgeport — Bridge Comn., Yellow Mill Bridge, concrete and steel double leaf deck bascule span, on Stratford Ave., to C. W. Blakeslee & Son, 58 Waverly St., New Haven, $1,097,870. Engrs. est. $1,150,000. Noted Apr. 28.

Conn., Hartford — City, Street Bd. & Eng. Dept., masonry and piers for bridge, on Laurel St., to L. E. McLaughlin, 393 Broad St., New London, $26,792. Noted May 5.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., steel viaduct and approaches, on Riverside Dr. from West 156th to 161st Sts., to P. T. Cox Contg. Co., 154 Nassau St., $1,797,552. Noted Apr. 21.

Md., Salisbury—State Rd. Comn., Baltimore, superstructure double leaf steel bascule bridge over Wicomico River, here, Wicomico Co., Contr. Wi-37-A, to Mt. Vernon Bridge Co., Mt. Vernon, Va., $29,555. Noted Apr. 14.

North Carolina—State Hy. Dept., Raleigh, rein.-con. bridges, etc. on Project 730-B, Davie Co., to Kiker & Yount, Reidsville, $143,116. Noted Mar. 17.

Ga., Atlanta—Fulton Co., c/o A. M. Wood, clk., temporary trestle for Seaboard Air Line Ry. under railroad tracks, on North

Constr. News page 315

Bridges (Continued)

Side Dr., to J. H. Kerlin Constr. Co., Peters Bldg., $22,900. Engrs. est. $25,000.

Miss., Grenada—Grenada Co. bridge on Winona-Water Valley Rd., Federal Aid Project 114, to Newsom Bros., Grenada, $15,422. Noted Apr. 14.

Miss., Gulfport—Harrison Co., 138 x 12 ft. swing span and 688 x 17 ft. pile approach span bridge across Back Bay at Pops Ferry, to Armstrong & Armstrong, Gulfport, $32,469; creosoted bridges on Pineville Rd., and bridges on Saucier-Riceville Rd., to G. S. Kelley, $8,288. Noted Mar. 24.

O., Gallipolis—Gallia County Ohio River Bridge Co., Gallipolis, C. E. Holzer, pres., Holzer Hospital, and Mason County Ohio River Bridge Co., Point Pleasant, W. Va., W. A. Windsor, pres., constructing 1,400 ft. suspension bridge across Ohio River connecting state highway about 4 mi. above here, to Point Pleasant, W. Va., to General Contg. Co., Columbia Bldg., Pittsburgh, Pa., $1,150,000. Noted Feb. 3.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridges on Route 127, Sect. 111-B, Bond Co., to A. Culberson & Sons, Oconee, $8,536; on Route 115, Sect. 103-B, Kankakee Co., to Zimmerly Bridge Co., Paris, $12,456; on Project 115, Sect. 102-B and C, Kankakee Co., to Vincennes Bridge Co., Vincennes, Ind., $19,162 and $13,189 respectively; on Route 47, Sect. 119-B, Grundy Co., to A. P. Munsen, Marion, $40,585; on Route 47, Sect. 119-C, Grundy Co., to Worden-Allen Co., Ft. Washington Rd., Milwaukee, Wis., $3,855; on Project 83, Sect. 123-B, Mercer Co., to Ferguson Constr. Co., 218 East State St., Rockford, $49,307; on Route 162, Sect. 101-B, Bureau Co., to F. Kaney, Forreston, $18,224; on Route 70, Sect. 109-B, Ogle and Lee Counties, to O. G. Hiveley, Court House, Freeport, $20,764. Grand total $186,078. Noted Mar. 3.

Illinois and Missouri — Alton-St. Louis Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., W. R. Compton Co., 704 Locust St. and Bitting & Co., 316 North 8th St., all St. Louis, Mo., 3,600 ft. rein.-con. and steel bridge, 20 ft., incl. two 500 ft. main and several approach spans across Mississippi River, at Alton, Ill., and substructure for 2,000 ft. rein.-con. and steel bridge, 20 ft., incl. two 430 ft. main and several approach spans across Missouri River, at Bellefontaine, Mo., to Kansas City Bridge Co., Orear-Leslie Bldg., Kansas City, Mo., $543,060 and $323,550 respectively; superstructure for Mississippi River Bridge, to Wisconsin Bridge Co., 1116 Commerce Bldg., Kansas City, Mo., and North Milwaukee, Wis., $436,618; approaches to above bridges and grading, etc., 6 mi. roadway between Alton, Ill., and Missouri State Highway 2, to Rause Constr. Co., Cape Girardeau, Mo., $301,382. Grand total $1,646,610. Noted Apr. 21.

Ill., Decatur—For 2,600 ft. rein.-con. and steel viaduct, on 7th St. to Jones Eng. & Constr. Co., 431 South Dearborn St., Chicago, $282,477. Noted May 5.

Wis., Manitowoc—State Hy. Comn., Madison, constructing Clarks Mills Bridge, State Job 3145, Manitowoc Co., to Cherney Constr. Co., Francis Creek, $30,380.

Ia., Adel—Dallas Co. high truss bridge on Primary Bridge Project 334, to Snyder & Johnson, Humboldt, $32,622; and 26 culverts and extensions on same project, to T. F. Matson, Goodell, $19,615.

Ia., Clinton—Clinton Co., 1 pony truss and 1 deck girder bridge, also 42 box culverts and extensions on Primary Bridge Project 376, to Clinton Bridge Wks., Clinton, $36,685. Noted Apr. 14.

Ia., Denison—See "Unclassified."

Ia., Indianola—See "Unclassified."

Ia., Toledo—See "Unclassified."

Minn., Brookside—State Hy. Comn., St. Paul, 3 span 60 ft. concrete and steel bridge on State Project 5-31-2, 4510, Federal Aid Project 380-B, and 3 span 150 ft. State Project 5-31-3, 4598, Federal Aid Project 380-B, near here, Hennepin Co., to E. M. Ganley Co., 2922 Oakland Ave., Minneapolis, $56,119. Noted Apr. 21 under "Minnesota."

Kan., Olathe—Johnson Co., two 18 ft. span slab bridge, on Federal Aid Project 246-F, and one 20 ft. slab bridge, on Federal Aid Project 293-B, to A. F. Lewis, Wellsville, $4,720 and $2,767 respectively; one 140 ft. steel truss and one 40 ft. I-beam span bridge on Federal Aid Project 315-D, to Western Bridge Co., Harrisonville, Mo., $23,173. Grand total $30,660.

Colo., Pueblo—For 5 span 1,400 ft. concrete bridge, East 8th St., to Platt Rogers, Inc., 29th and Court Sts., $168,500. Noted Mar. 24.

Constr. News page 316

Dams

Proposed Work

Tex., Del Rio—See "Buildings—Industrial."

Railways

Proposed Work

Indiana—Cleveland, Cincinnati, Chicago & St. Louis Ry. Co., 230 East 9th St., Cincinnati, O., H. Baldwin, ch. engr., plans enlarging yards from 18 to 36 tracks, constructing shop buildings, and moving passenger depot at Anderson, here.

Bids Desired

New Hampshire — See "Contracts Awarded."

Kentucky—Wolverine Coal Co., Cannel City, taking bids grading, etc., 4,000 ft. Spur track for coal mine, incl. 25,000 cu.yd. earth and 3,000 cu.yd. rock excav., 250 yd. masonry, in Cannel City. H. A. Spalding, Hazard, mining engr.

Missouri—See "Contracts Awarded."

Texas—See "Contracts Awarded."

California—See "Contracts Awarded."

British Columbia — See "Contracts Awarded."

Contracts Awarded

New Hampshire—Boston & Maine R.R., North Station, Boston, Mass., W. J. Backes, ch. engr., will build two sidings 85 cars each, in Manchester, here, by day labor. $77,371. Private plans.

Missouri — Missouri-Kansas-Texas R.R. Co., F. Ringer, ch. engr., Ry. Exch. Bldg., St. Louis, will repair tracks, bridges and culverts, etc., damaged by floods, in St Louis, by own forces. $160,000.

Texas—Missouri Pacific Ry., E. A. Hadley, ch. engr., St. Louis, Mo., c/o A. B. Kelly, c/o International-Great Northern freight offices, San Antonio, will build new switching yards, and refrigerating system at South Antonio, near Camp Normoyle, here, for International-Great Northern R.R. (subsidiary of above), by company forces. $250,000.

California—Southern Pacific Co., G. W. Boschke, ch. engr., 65 Market St., San Francisco, will lay 4½ mi. spur track, in Rupert, by day labor; and 18,000 cu.yd. grading, etc., to D. McDonald, P. O. Box 170, Sacramento.

California—Los Angeles Co. Flood Control Dist., Los Angeles, laying and ballasting 13 mi. standard gauge railroad track and surfacing 8 mi. roadway from Azusa to Forks on San Gabriel Dam in Los Angeles, to R. H. Travers, 420 Westlake Ave., $117,200. Noted Apr. 14.

British Columbia — British Columbia Electric Ry. Co., 425 Carroll St., Vancouver, will double track Hastings St., from East Renfrew to Foundary Rd., in Vancouver, by day labor. $100,000. A. C. Eddy, c/o owner, engr.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

La., Colfax—Making preliminary plans ¾ mi. levee north of and approximately 1 mi. south of here. Engineer not announced.

La., Crowley—Gravity Sub. D. D. 1, 1st Ward Drainage Dist., making preliminary plans 10 mi. open ditch, 400,000 cu.yd. excav. $68,000. M. M. Bernard, Crowley, engr.

Texas—Webb Co. (Laredo) and Nueces Co. (Corpus Christi) made plans irrigating 4,500 acres land and constructing network of open ditches, wells, etc. $200,000. Private plans.

Que., Quebec—Plans Franklin Hill Retaining Wall. $25,000. J. A. Tremblay, Quebec, engr.

Canada—Dominion Govt., Ottawa, Ont., passed further amount in supplementary estimates for year ending Mar. 31, 1928, breakwater repairs Grass Cove $28,000, breakwater Kings Bay $10,000, dredging La Have River $35,000, Lunenburg River $9,400, and Yarmouth $13,000; improving Murphys Pond and Port Hood Harbors $16,500; extending and repairing breakwater New Harbour $20,000, wharf Sydney $40,000, all foregoing in Nova Scotia; reconstructing railway wharf Charlottetown $50,000, wharf Egmont Bay $11,600, also freight shed and improving wharf Georgetown $64,000, all foregoing in Prince Edward Island; extending breakwater Escuminac $25,000, and Point Spain $20,000, also breastworks and breakwater Tracadie Harbor $25,000, all foregoing in New Brunswick; dredging Beaupre $100,000, Lake St. Louis $75,000, Charlemague $15,000, Reinouske $30,000, Riviere du loup $70,000, St. Francois River $19,100, Templeton $47,000, and Monicouagan River $100,000, reconstructing wharf Doucets Landing $40,000, wharf Trois Rivieres $50,000, improving harbor Ellis Bay $150,000, and Sorel $100,000, all foregoing in Quebec; improving harbors Cobourg $25,000, Collingwood $25,000, Goderick $43,000, Owen Sound $70,000, and Port Arthur $125,000, dredging and improving Port Dover $25,000, dredging Presqville $25,000, and repairing harbor Saugeen River $19,000, all foregoing in Ontario; improving Roseau River $50,000, Manitoba; dredging False Creek $12,000, and Victoria Harbor $59,200, reconstructing dam on Okanagan River $204,100, assembly wharf Port Albemi $40,000, breakwater Powell River $25,000, also extending Powell River Telegraph Line from Baccaneer Bay to Losquete Island $11,300, all foregoing in British Columbia.

Bids Desired

Kentucky—See "Railways."

Que., Ellis Bay — May 31, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, Ont., dredging, Anticosti Island, here. $60,000.

Contracts Awarded

Florida—State Road Dept., Tallahassee, to Alexander, Ramsey & Keen, Inc., Everglades, 4.27 mi. hydraulic fill, Project 669-E, Collier Co., 34 acres clearing and grubbing at $125, and 85,000 cu.yd. excav. $2.15; total $187,000.

Ia., Denison—See "Streets and Roads."

Calif., Newport Beach — City Trustees, constructing East Jetty, using rein.-con. interlocking piling, to L. R. Weber, Balboa, $93,000; and West Jetty, rubble mound type, to Hauser Constr. Co., Security Bldg., Long Beach, $354,000. Noted Apr. 14.

Que., Sorel—S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, Ont. dredging, here, to L. C. Marseau, Sorel, $78,600. Noted Apr. 28.

Streets and Roads

Proposed Work

N. H., East Kingston—Rockingham Co., plans 3 in. bituminous macadam on 8 in. field stone paving 16,544 sq.yd. New Hampshire College Rd., 18 ft. $63,000. W. A. Jones, Portsmouth, engr.

N. H., Lebanon—Grafton Co. plans grading and 6 in. rein.-con. on 8 in. gravel paving 8,997 sq.yd. Darthmouth College Highway. $43,000. L. F. Johnson, Lebanon, engr.

Mass., Boston—Dept. Pub. Wks. plans widening section Morton St. from Codman Sq., Dorchester, $130,000; also laying out and constructing highway of Claymoure and Colonial Rds. and Rockdale St., Brighton, $25,000, J. H. Sullivan, comr.

Mass., Boston—Dept. Pub. Wks. plans widening and constructing Green St., West Roxbury, $25,000 or more; laying out, widening and reconstructing River St. as highway from Everett to Mattapan Sqs., here, to exceed $25,000; also laying out and constructing Antwerp, Ascot, Bevson, Sygnet and Duval Sts., as highways in Brighton, to exceed $25,000. J. H. Sulivan, comr.

Mass., Charlestown (sta. Boston)—Dept. Pub. Wks., Boston, plans widening and reconstructing Main St., here. To exceed $25,000. J. H. Sullivan, comr.

Mass., Dedham—Plans widening Washington St., $55,000; and rebuilding High St. from Hartford Sq. to Mt. Vernon St., $25,000 appropriated. Private plans.

Mass., Gloucester — Plans constructing Washington St. from premises Rockport Granite Co. to Rockport line. $55,000. Essex Co. appropriates $17,500 toward cost. Private plans.

Mass., Winthrop—Making plans widening and paving Putnam St. $25,000. Whitman & Howard, 220 Devonshire St., Boston, engrs.

R. I., East Providence (br. Providence) —Plans improving 5th and 6th Sts. $25,-

Streets and Roads (Continued)

000. Private plans. W. E. Smyth, town clerk.

R. I., Providence — Plans improving Jastram St., Buena Vista, Homerfield and Waban Aves. $25,000 or more. Private plans.

Conn., Bridgeport—Plans warrenite paving Morningside Dr. and 24 avenues. $300,000. J. A. McElroy, city engr.

Conn., Hartford—Plans widening Windsor Ave., Hudson and Vines Sts., $148,000; widening and paving Chapel St. on north side west of Trumbull and extending street from Ann to High Sts., $137,000; also paving Franklin Ave. and Elizabeth St., and resurfacing Greenfield and Woodland Sts., $170,000. R. N. Clark, city engr.

Conn., New Haven—Permanent Paving Comn. plans paving portions Chapel and Monroe Sts., Sherman, Blatchley and Cedar Hill Aves. $80,000. E. S. Nettleton, city engr.

Md., Baltimore—Voted $8,000,000 bonds, for new paving streets, etc.

Virginia—State Hy. Comn., Richmond, plans expending $2,500,000 during last half of fiscal year 1927-1928 improving roads as follows: $315,000 in Bristol Dist., $350,750 Salem Dist., $314,000 Lynchburg Dist., $320,000 Staunton Dist., $283,000 Culpepper Dist., $183,500 Fredericksburg Dist., $366,500 Richmond Dist., and $367,250 Suffolk Dist. C. S. Mullen, ch. highway engr.

Florida—Hollywood City Comn., making plans widening 50 ft. roadway from Fort Lauderdale-Hollywood line south to Broward Co. line joining with Dade Co. 48 ft. roadway at Hallandale. Address City Engineer, Hollywood.

Miss., Decatur—Newton Co. voted $250,000 bonds, improving roads. Noted Apr. 14.

Miss., Laurel—Making plans paving various streets. $50,000. F. Ross, city engr.

La., Amite—Tangipahoa Parish voted $45,000 bonds, grading and graveling, etc. road from Loranger to connect with Amite-Franklin Highway.

La., Plaquemines—City, L. B. Leblanc, clk. making preliminary plans grading and granitoid paving, etc. various streets. $44,000. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids probably in July, grading and bridging 14 mi. North Carolina State Line Rd. from Gatlingburg to North Carolina State Line, Sevier Co. C. N. Bass, highway engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans grading, etc. 15 mi. Calderwood-North Carolina State Line Rd., Blount Co. C. N. Bass, highway comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans improving 25 mi. Johnson City-Mountain City Rd., Carter and Johnson Counties. To exceed $25,000. C. N. Bass, highway comr.

Tenn., Fayetteville—Lincoln Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys surfacing 10 mi. Fayetteville-Alabama State Line Rd. C. N. Bass, highway comr.

Tenn., Lebanon—Plans asphalt or concrete paving portions various streets. To exceed $25,000. Address city commissioner.

O., Cincinnati—Plans grading, curbing and concrete paving, etc. 16,000 sq.yd. Montana Ave. from Glenmore to Epworth Aves. $84,993, and 14,000 sq.yd. Glenmore Ave. $74,488; grading, curbing and brick paving, etc. 15,500 sq.yd. Montana Ave. from Glenmore to Epworth Aves. $107,913; grading and sheet asphalt paving 5,800 sq.yd. Madison Rd. $63,150; brick paving 2,300 sq.yd., and rock asphalt paving 12,500 sq.yd. Woodburn Ave. from St. Ledger Pl. to Dana Ave. $51,598; asphaltic concrete paving, etc. 8,300 sq.yd. Mitchell Ave. $30,018; also brick paving 2,300 sq.yd., and asphaltic concrete paving, etc. 12,500 sq.yd. Woodburn Ave. from St. Ledger Pl. to Dana Ave., $54,723. C. O. Sherrill, City Hall, engr.

O., Cincinnati—Hamilton Co. plans surface treating 37 mi. various streets, 175,000 gal. Grade II tar and 5,200 cu.yd. sand, $46,383; also 40 mi. various roads, 130,000 gal. heavy oil and 34,000 cu.yd. sand, $25,315. E. A. Gast, Court House, engr.

O., Cleveland—Bd. Comrs. Cuyahoga Co. soon take bids paving, etc. with (a) brick (b) sheet asphalt (c) concrete Brecksville Rd. from Willow Bridge to County Line, (a) $1,015,829 (b) $978,209, and (c) $974,490; also paving, etc. S. O. M. Center Rd. $421,777 and (b) $391,858. F. Lander, Court House, engr.

O., Oakwood (Dayton P. O.)—Plans asphalt or concrete paving, etc., approximately 5,000 ft. 7 streets in Far Hills Estates plot. $150,060. L. M. Dissinger, 135 Forrer Blvd., Oakwood, Dayton, village engr.

Ind., Crawfordsville — Montgomery Co. plans paving Ward and Davidson Rds. $130,000. B. E. May, Crawfordsville, aud.

Michigan—W. W. Lavers, resident engr., Plymouth, takes bids about June 7, concrete paving approximately 7.5 mi. A. D. 449, 20 ft., St. Clair and Macomb Counties, for State Hy. Dept., Lansing.

Michigan—W. W. Lavers, resident engr., Plymouth, takes bids about June 6, concrete paving approximately 8 mi. A. D. 463, 20 ft., Wayne and Monroe Counties, for State Hy. Dept., Lansing.

Mich., Detroit—Wayne Co. made plans one course 8 in. concrete paving, etc. 16,100 sq.yd. Mortenview Dr., $55,000. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., engrs.

Mich., Detroit—Making plans stone or concrete curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 63,150 sq.yd. West Chicago Blvd., Bonaparte, Chicago, and Lawson Aves. $316,650. P. A. Fellows, city engr.

Mich., Dearborn—Made plans concrete curbing, grading and one course 8 in. concrete paving 19,450 sq.yd. 8 streets, and widening Monroe St. R. H. Early, village engr.

Ill., Decatur—Plans grading, curbing and asphalt or granite concrete paving West Forest St., brick or vibrolithic concrete paving Glencoe and Macon Sts. $35,000. M. P. O'Brien, City Hall, engr.

Ill., Galesburg—Plans grading, curbing, vitr. brick or concrete paving, etc. 5 blocks Arnold, Hancock and Phillips Sts., 24 ft. $40,079. A. L. Richey, City Hall, engr.

Wis., Green Bay—Green Bay Co., G. J. Cormier, comr., appropriated $2,000 improving Benderville Rd. $1,500 North-South Rd., $500 Bellevue Rd., $500 Hoffman Rd., $2,500 Denmark-Eaton Rd., $1,000 Denmark-Glenmore Rd., $1,500 Highway 96, $800 Willequette Rd. in Howard, $800 John Lewis Rd., $1,000 William-Champeau Rd., $500 Mose Creamery Rd., $500 Town Line Rd., $500 Larsen Rd., $500 Peg Willequette Rd., $500 George Willequette Rd., $500 Creamery Rd. in Lawrence, $1,000 Lower Suamico Rd., $700 Frank Vervoren Rd., $500 River Rd., $500 William Van Horn Rd., $500 Hannon Rd., $500 Calewaerts Rd., $800 Kropp Rd., and $1,750 Fuller-Fox River Creamery Rd.; also $1,000 constructing 2 bridges town of Scott, $500 Lancelle Bridge, $500 Delcore Bridge, $550 Vancaster Bridge, $750 Smiths Bridge, and $1,300 Wanek Bridge.

Wis., Wisconsin Rapids—Wood Co. appropriated $30,000, completing concrete paving Blenker-Sherry Rd. E. Morris, comr.

Ia., Elkader—Clayton Co. making plans bringing to grade 5.5 mi. Volga City-Fayette Co. line Rd. and St. Olaf-Primary Rd. 13 $45,000. E. W. Hahn, Elkader, co. engr.

Ia., Ute—Making plans paving 14,000 sq.yd. various streets. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Minn., Caledonia—T. J. Schlitz, village recdr., making plans paving 8 blocks various streets. $30,000.

Minn., East Grand Forks—Making plans paving, etc. approximately 10 blocks various streets. $40,000. S. S. Siverts, Jr., Builders Exch. Bldg., Minneapolis, engrs.

Minn., St. Cloud—Making plans alternate types paving approximately 28 blocks various streets. $100,000. M. B. Lang, city engr.

Minn., St. Paul — Comrs. Ramsey Co. making plans constructing Ft. Snelling Highway connecting with Highway 52, $69,000; completing Capitol Highway, $61,000; and 6 in. concrete paving East County Line Rd., $72,000. P. N. Coates, Guardian Life Bldg., co. engr.

Kan., Goodland — Sherman Co. plans graveling 15.813 mi. Federal Aid Project 263-C, 30 ft. F. G. Snart, Goodland, co. engr.

Kan., Kansas City—Wyandotte Co. plans grading, concrete surfacing, etc. 3.8 mi. Project 309-C, 18 ft. O. K. Williamson, Kansas City, co. engr.

Kan., Leavenworth — Leavenworth Co. made plans grading, etc. 9.76 mi. Federal Aid Project 376-C and D, 30 ft. J. E. McCorkle, Court House, engr.

Kan., Manhattan—Riley Co. plans grading, vitr. brick or concrete surfacing, etc. 4.337 mi. Federal Aid Project 327-D, 18 ft. R. W. Armstrong, Manhattan, co. engr.

Kan., Sedan—Chautauqua Co. soon takes bids improving 12 mi. Sedan-Niotze Rd., U. S. Highway 166, $100,000, and takes bids after May 27, Cedar Bridge, 90 ft. steel truss with 20 and 30 ft. I-beam approaches or 82 ft. rainbow arch and two 30 ft. girders, on Elgin-Chautauqua Rd. $16,000. C. E. Fesler, Court House, co. engr.

Kan., Winfield—Cowley Co. plans grading, vitr. brick or concrete surfacing, etc. 3.36 mi. Federal Aid Project 231-G, 18 ft. B. Boyle, Winfield, co. engr.

Neb., Creighton—Making plans paving, etc. approximately 10,000 yd. various streets. To exceed $25,000. Bruce & Grupe, Banker Reserve Life Bldg., Omaha, engrs.

Neb., Grand Island—Making preliminary plans asphalt paving approximately 2 mi. Elm St.; and brick paving approximately 10 blocks 3rd St. K. Y. Craig, City Hall, engr.

Neb., Gordon—Dept. Pub. Wks., Lincoln, takes bids about May 25, 6 in. concrete paving, etc. 10,000 yd. various streets. Hennongson Eng. Co., 301 Natl. Bldg., Omaha, engrs.

Neb., Plattsmouth—Making plans paving 25 blocks various streets. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs.

N. D., Grand Forks—Making plans paving 8,500 sq.yd. various streets. $30,000. C. J. Evanson, city aud.

Mo., Excelsior Springs—Soon takes bids 6 in. concrete paving various streets. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs.

Mo., Kansas City—Making preliminary plans widening and repaving Holmes St. for traffic-way. To exceed $25,000. R. Waddell, City Hall, engr.

Mo., Kansas City — Making preliminary plans grading and proving 71st Blvd. between Ward Parkway and 71st St. Bridge in Swope Park. To exceed $25,000. F. Gableman, City Hall, engr.

Mo., Kansas City — Plans constructing Belt Traffic Way around business section. R. Waddell, City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, takes bids about June 7, removing wood block on concrete paving, also asphalt on concrete repaving, etc. Skinker St. between Clayton Ave. and Forsythe Blvd. $115,000. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Making preliminary plans grading and concrete paving alleys in City Blocks 1106, 2823, 3602, 4016, 4713, 5414, 5361, 5783, 5651, 5831, 5873, 5901, and 4892. $44,860. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids asphalt on concrete paving Olive St. between 12th Blvd. and 18th St. $116,500, Olive St. between 18th and Jefferson Sts. $121,000, and Olive St. between Jefferson St. and Channing Ave. $199,500; warrenite bithulithic paving, etc. Kingshighway Southwest between Wilmington and Carlsbad Sts. $110,000, Itaska St. between Macklind and January Sts. $17,700, and Reber Pl. between January and 59th Sts. $14,000; asphalt or brick paving Macklind St. between Botanical and Bischoff Sts., $21,100 or $25,400 asphaltic concrete paving, etc. Carlsbad St. between Burgen and Schoenlaw Sts. $12,200, Finkman St. between Macklind and January Sts. $12,900, Gresham St. between January and Brunswick Sts. $14,000, Rhodes St. between January and Hampton Sts. $17,900, Concordia St. between Ray St. and Morgan Ford Rd. $12,500, and Spring Ave. between Osceola and O'Meara Sts. $16,900; rein.-con. paving, etc. Goodfellow Ave. between Natural Bridge and Stratford Aves. $52,700, Goodfellow Ave. between Stratford Ave. and Lillian St. $20,700, Goodfellow Ave. between Lillian St. and West Florissant Ave. $65,000, and Goodfellow Ave. between West Florissant Ave. and McLaran St., $25,500; vibrolithic concrete paving, etc., Ecoff St. between Southwest Ave. and Missouri Pacific R.R. tracks, $17,850; also concrete paving, etc., Delor St. between Ridgewood St. and Kingshighway Southwest, $10,500; W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids grading and concrete paving approximately 10,600 sq.yd. alleys in City Blocks 4713, 5651, 5414, 5361, 5783, 5831, 5873, 5901 and 1106. $30,500. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, takes bids in June recut granite block paving 2,610 sq.yd. 14th St., $16,300; asphalt paving 2,015 sq.yd. Leffingwell St. from Cass to Madison Aves., $13,100, 7,000 sq.yd. Madison Ave. $41,000, and 7,045 sq.yd. Leffingwell St. from Madison Ave. to St. Louis St., $29,700; asphaltic concrete paving 5,125 sq.yd. Lalite St., $39,000; and vibrolithic concrete paving 4,435 sq.yd. Ecoff St., $23,800. W. W. Horner, 300 City Hall, engr.

Mo., Springfield—Soon takes bids concrete paving, etc. 3,627 sq.yd. Lombard St., 1,329 sq.yd. Missouri St. and 4,800 sq.yd. Main Ave. S. R. Fisher, City Hall, engr.

Ark., Bentonville—Postponed indefinitely grading, curbing, rein.-con. paving, etc., 1 mi. Paving Dist. 2, 26 ft. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Noted Apr. 21.

Constr. News page 317

Streets and Roads (Continued)

Ark., Prescott—Takes bids about June 1, grading, curbing, concrete paving, etc. 15 blocks Street Impvt. Dist. 2. A. M. Lund, Home Insurance Bldg., Little Rock, engr.

Texas—See "Unclassified."

Tex., Amarillo—See "Unclassified."

Tex., Athens — Henderson Co. making plans brick and concrete paving 2 mi. Highway 40 extending west from city limits, $170,000; also 4 in. brick on concrete paving highway extending east from city limits, $30,000. Address S. B. Motlow, Athens, co. judge.

Tex., Cameron — Milam Co. soon takes bids grading, bridging and graveling 6 mi. Highway 43. $225,000. A. F. Mitchell, Cameron, co. engr.

Tex., Clairmont—Kent Co. making plans grading, bridging and gravel paving, etc. 17.4 mi. Highway 84, 18 ft. $175,000. Nagle-Witt-Rollins & Gilchrist, Santa Fe Bldg., Dallas, engrs.

Tex., Colorado—Mitchell Co. voted $200,000 bonds, concrete paving 31.2 mi. Highway 1, State and Federal Aid appropriate $600,000 toward est. Address C. C. Thompson, Colorado, co. judge.

Tex., Corpus Christi—Nueces Co. making plans 1 in. rock asphalt on 10 in. limestone paving 1.6 mi. Highway 16. $36,000. Address N. Benton, Corpus Christi, judge.

Tex., Cuero—DeWitt Co. making plans grading, bridging, etc. 7.5 mi. Highway 72, 26 ft. $135,000. S. H. Gulledge, Cuero, engr.

Tex., Electra—Plans widening and paving East Cleveland Ave. $35,000. Address J. Houser, city secy.

Tex., Ft. Worth—D. Davis, engr. Tarrant Co., soon takes bids 9 mile road from Anderson's Corner to Grapevine. $70,000.

Tex., Greenville—Hunt Co. making plans concrete paving 0.97 mi. Highway 34, 36 ft. $50,000. Address N. E. Peak, Greenville, judge.

Tex., Harlingen—Voted $140,000 bonds, permanent paving 55 blocks various streets. Address Mayor. Noted Apr. 14.

Tex., Hebbronville—Jim Hogg Co. making plans Uvalde rock asphalt paving 10.2 mi. Highway 12-A, 18 ft. $90,000. E. J. Foster, Hebbronville, co. engr.

Tex., Houston—Harris Co. making plans grading, bridging, and macadam paving 20 mi. West Montgomery Rd., 18 ft. $314,000. Howe & Wise, Courthouse, engr.

Tex., Longview — Gregg Co. making plans grading, bridging, and concrete paving, etc. 3.3 mi. Highway 31, 18 ft. $157,000. D. K. Caldwell, Tyler, engr.

Tex., Lubbock — Lubbock Co. making plans grading, bridging, etc. 7 mi. Highway 53, 26 ft. $42,400. J. W. Alger, Lubbock, co. engr.

Tex., McAllen — Takes bids about May 25, concrete asphalt paving 30 blocks various streets. $80,000. E. M. Card, city engr.

Tex., Plainview—Making surveys, etc. paving various streets, $60,000; sewers $25,000, and waterworks $15,000. R. P. Smyth, city engr.

Tex., Raymondville—Willacy Co. making plans grading, bridging, etc. 18.2 mi. Highway 95, 26 ft. $35,000. J. E. Johnson, Raymondville, engr.

Tex., San Antonio—See "Unclassified."

Tex., San Antonio — Bexar Co. making plans rock asphalt paving 9.16 mi. Old Spanish Trail, 18 ft. $63,000. A. C. Pancoast, San Antonio, co. engr.

Tex., Seymour—Baylor Co. making plans bituminous paving 13.67 mi. Highway 30, 18 ft. $106,000. J. G. Rollins, Seymour, engr.

Tex., Shelby—Making plans surfacing 17 mi. Highway 35. $61,000. Address F. C. Powell, Center, judge.

Tex., Victoria — Victoria Co. making plans grading, bridging, etc. 14.96 mi. Highway 29, 26 ft. $95,000. J. Douglass, Victoria, co. engr.

Tex., Wharton—Wharton Co. making plans grading, bridging, etc. 12.45 mi. Wharton-Edna Highway, 26 ft. $61,500. J. M. Nagle, Wharton, engr.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary surveys grading, etc. 15 mi. State Highway 13, 30 ft., Dewey Co. $60,000. J. M. Page, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary plans grading, etc. 9 mi. State Road 17, 30 ft., Adair Co. $45,000, 60 mi. all county roads, 30 ft., Harmon Co. $700,000, and 15 mi. State Road 31, 30 ft., Pittsburg Co. $70,000; concrete slab surfacing 33,710 sq.yd. State Highway 12, Okfuskee Co. $75,000, and 34,770 sq.yd. State Road 6, Pittsburgh Co. $78,000; also gravel surfacing 21,000 sq.yd. State Road 5, $30,000. J. M. Page, highway engr.

Okla., Altus—Making preliminary plans grading and concrete paving 19,700 sq.yds. various streets. $65,000. J. C. Chisum, Altus, engr.

Okla., Bartlesville—Plans grading, curbing and concrete paving 12,770 sq.yd. various streets. $42,600. J. E. McCormick Bartlesville, engr.

Okla., Beaver—Making preliminary plans grading, curbing and paving 9,500 sq.yd. Main St. $28,000. F. B. King, Grain Exch. Bldg., Oklahoma City, engr.

Okla., Blackwell—Plans grading, curbing and vertical fibre brick 14,700 sq.yds. paving Dist. 42. $62,000. W. Ritzhaupt, Blackwell, engr.

Okla., Chickasha — Plans grading and sheet asphalt paving 8,600 sq.yd. Dakota St. $41,710. R. O. Bradley, Chickasha, engr. Noted Jan. 13.

Okla., Coweta—Making preliminary plans grading, curbing and concrete paving 13,500 sq.yd. Main St. $45,000. F. L. Gill, city clk. Engineer not selected.

Okla., Drumright—Plans grading and concrete paving 12,100 sq.yds. Cimarron and Grand Aves. $39,000. Peckham & James, 227 West Grand St., Oklahoma City, engrs.

Okla., Enid—Plans grading and concrete paving 10,000 sq.yd. Oklahoma St. $36,441. F. C. Magruder, Enid, engr.

Okla., Fairview—Plans grading, curbing and concrete paving 10,220 sq.yd. Dist. 5. $31,610. W. H. McCue, mayor. Engineer not selected.

Okla., Norman—Plans grading, curbing and sheet asphalt paving 6,700 sq.yd. residential streets Dist. 46. $33,620. F. Cobb, Norman, engr.

Okla., Shawnee—Plans grading, curbing and concrete paving 12,600 sq.yd. residential streets in Dist. 47. $41,610. Archer & Co., 612 New England Bldg., Kansas City, Mo., engrs.

Okla., Seminole—Voted $46,700 bonds, grading and paving 8 blocks Oak, Evans and 3rd St., Dist. 6, 30 ft. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Stillwell—Plans grading, curbing and concrete paving 9,700 sq.yd. Main St. $33,610. T. P. Cloutz, Muskogee, engr.

Okla., Yukon—Plans grading, curbing and concrete paving 11,770 sq.yd. Dist. 2. $38,740. F. Cobb, Norman, engr.

Colorado — State Highway Budget for 1927 road improvements, approved by Gov. Adams. $3,904,000.

Tex., Colorado—Mitchell Co. voted $200,000 bonds, concrete paving, etc. 31.2 mi. Highway 1, 20 ft. Address C. C. Thompson, Colorado, judge.

Colo., Denver—Plans concrete paving 10 blocks Alley Paving Dist. 169, $25,000; asphaltic concrete paving 12 blocks North Denver Paving Dist. 10, $32,287; grading, curbing and surfacing 10 blocks North Side Impvt. Dist. 37, $160,033; also grading curbing, surfacing, etc. 60 blocks Barnum Impvt. Dist. 1, $205,652. A. K. Vickery, city engr.

Wash., Tacoma—Making plans concrete paving Anderson St. et al. $42,643. W. F. McElmon, Tacoma, engr.

California—State Hy. Dept., Sacramento, making surveys constructing Sears Point Cut-off between Napa River Bridge northeast of Vallejo to Solano Co. Rd. 2 mi. north of Vallejo, Solano Co.; made surveys 8.8 mi. highway between Lamoine and Mears Creek, Shasta Co., to exceed $400,000; also made surveys reconstructing 2.4 mi. highway between Stockton and Cherokee Station, San Joaquin Co., $40,000 or more. R. M. Morton, Strub Bldg., Sacramento, engr.

Calif., Elsinore—Making plans curbing, guttering, walks and asphaltic concrete paving portions Pottery St., Lowell and Sumner Aves. To exceed $25,000.

Calif., Fillmore—Plans paving, etc. various streets. $75,000. E. M. Lynch, Central Bldg., Los Angeles, engr.

Calif., Glendale—Plans curbing, guttering, c.i. mains, 8 in. vitr. sewers, Warrenite paving, etc. Alturas Dr. and La Vista Terrace, etc. To exceed $25,000.

Calif., Gridley—Plans paving, etc. various streets. To exceed $25,000. M. Polk, Chico, engr.

Calif., King City—Made plans curbing and 5 in. concrete paving 139,200 sq.ft. Vanderhurst Ave. To exceed $25,000. H. F. Cozzens, Salinas, engr.

Calif., Los Angeles—Bd. Supervs. Los Angeles Co. takes bids about June 21, grading, curbing, guttering, and oil and rock surfacing 12,687 sq.ft. Fir St. et al. $45,529. G. W. Jones, Hall of Records, engr.

Calif., Los Angeles—Plans curbing, walks and 8 in. concrete paving, etc. 2.84 mi. 4th and Rita Sts., also 6.4 mi. Owensmouth Ave. and Gault St. Impvt. Dist.; 7 in. concrete paving 422,400 sq.ft. Van Nuys Blvd., 5 and 7 in. concrete paving 2.38 mi. Hollywood Park; 5 and 6 in. concrete paving 5,970 lin.ft. and 2 in. sheet asphalt paving 3,040 lin.ft. Cabrillo Ave. and 4th St. Impvt. Dist.; also 6 in. concrete paving 5,030 lin.ft. 98th and Hoover Sts. Impvt. Dist. J. C. Shaw, City Hall Annex, engr.

Calif., Martinez — Contra Costa Co. making plans concrete paving, etc. 1 mi. Alhambra Valley Highway. R. R. Arnold, Martinez, co. surv.

Calif., Marysville—Yuba Co. made plans rock surfacing 5.91 mi. Loma Rica Rd. between Tahoe-Ukiah Highway and Olive Hill. W. M. Strief, co. clk.

Calif., Roseville—Made plans grading and 1½ in. warrenite on 2½ in. asphalt paving 163,600 sq. ft. Placer Ave., etc. C. C. Kennedy, Call Bldg., San Francisco, engr.

Calif., Santa Rosa—Sonoma Co. made plans sub-grading and 7-5-7 in. concrete or 3 in. asphalt with 5 in. asphalt paving 160,000 sq.ft. Santa Rosa-Sebastopol Highway. E. A. Peugh, Santa Rosa, co. surv.

Quebec—Highway Dept., Quebec, plans resurfacing 3 mi. old National Road in Annesite. $28,000. J. Frudel, Three Rivers, engr.

Que., Cap de la Madeleine—Plans concrete paving 2 mi. Notre Dame St. $25,000. R. Morressetti, Cap de la Madeleine, engr.

Que., Chicoutimi—Making plans paving St. Mihel Blvd., Cartier and St. Valles Sts. $25,000. B. Pelletier, Chicoutimi, engr.

Que., Lachine — Plans concrete and macadam paving various streets. $25,000. A. Laframboise, Lachine, engr.

Que., Quebec—Making plans paving various streets. $200,000. J. A. Tremblay, Quebec, engr. Noted Apr. 28.

Ont., Guelph — Wellington Co. plans paving Fergus Elora Highway and other roads. $170,000. A. Young, County Bldgs., road supt.

Ont., Leamington—Making plans concrete paving approximately 7,500 sq.yd. Edward Ivan, Oak and Selkirk Sts. $30,000. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Merlin — Making plans concrete curbing, and sheet asphalt or concrete paving 1 mi. Main St. 20 ft. up. $30,000. W. D. Colby, Harrison Hall, Chatham, engr.

Ont., Owen Sound—Soon takes bids concrete, asphalt or macadam paving approximately 10,000 sq.yd. various streets. $43,000. R. McKnight, City Hall, engr.

Ont., Toronto—York Twp. plans concrete curbing, guttering and asphalt or bithulithic on concrete paving 4-5 mi. various streets, 24 ft. up. $216,000. F. B. Goedike, 40 Jarvis St., engr.

B. C., Vancouver—Soon takes bids curbing, guttering, sidewalks and concrete or asphaltic concrete paving various streets. $537,965. C. Brackenridge, City Hall, engr.

Bids Desired

New Hampshire—May 27, by State Hy. Dept., Concord, 6 in. rein.-con. on 8 in. gravel paving 0.85 mi. Dartmouth College St., in Lebanon, $43,000, 2.011 mi. Central Rd. in Claremont $89,000, both 18 ft., L. F. Johnson, Lebanon, engr.; 3 in. on 6 in. gravel paving 1.931 mi. Contoocook Valley Rd. in Henniky, 21 ft., $55,000, F. W. Brown, Concord, engr.; and 3 in. bituminous macadam paving 0.79 mi. East Side Highway in Ossipee, $25,000, 3 in. bituminous macadam on 5 in. broken stone paving Moosilauke Rd. in Plymouth, $32,000, both 18 ft., H. L. Smith, Lakeport, engr.; 3 in. bituminous macadam on 8 in. field stone paving Monadnock Rd. in Walpole, 18 ft. $125,000, E. S. Hastings, Keene, engr.

Massachusetts—May 31, by Dept. Pub. Wks., Boston, bituminous macadam paving 17,000 ft. highway in Franklin and Wrentham, 18 ft. W. F. Williams, comr.

Mass., Boston—May 23, by Dept. Pub. Wks., sheet asphalt or bituminous macadam paving Murray Hill Rd. Ward 19, Bynner St. Ward 10, Dennison St. Ward 11, and Truxton St. Ward 17. $25,000. J. H. Sullivan, comr.

New York—June 1, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, grading, etc. Hutchinson River Parkway, from New Rochelle Rd. to New York, Westchester & Boston R.R. tracks in town of Eastchester and city of New Rochelle. J. Downer, Bronxville, ch. engr.; adv. E. N.-R. May 19.

N. Y., Fulton — May 27, by Common Council, at office M. C. Baker, city clk., grading, curbing, guttering, sidewalks and asphalt on concrete paving 12,209 sq.yd. various streets. H. S. Andrews, city engr.; adv. E. N.-R. May 19.

N. Y., New York—May 26, by J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block on concrete repaving 2nd Ave., 102nd St.; sheet asphalt on concrete repaving Dominick St. and asphalt block on concrete repaving 101st and 102nd Sts.

N. Y., St. George — May 25, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Willowbrook Rd.; and bituminous macadam repaving Western Ave.

Constr. News page 318

Streets and Roads (Continued)

N. Y., Syracuse—May 23, by Bd. Contr. & Supply, City Hall, repaving South Townsend St. and Oakwood Ave. $150,000. N. F. Pitts, Jr., city engr. Noted Dec. 16, 1926.

N. Y., Syracuse—May 23, by Bd. Contr. & Supply, City Hall, widening, grading, curbing, sidewalks and sheet asphalt on concrete paving 5,240 sq.yd. Beech and Water Sts. N. F. Pitts, Jr., City Hall, engr.

N. Y., Syracuse—May 23, by Bd. Contr. & Supply, City Hall, grading, curbing and sheet asphalt on concrete paving 27,980 sq.yd. East Genesee St. $250,000. N. F. Pitts, Jr., city engr. Noted Mar. 17.

New Jersey—June 6, by State Hy. Comn., Trenton, grading and 8 in. double line rein.-con. paving 25,488 sq.yd. Route 17, North Sect. 2, Carlstadt-Hasbrouck Heights Rd., Bergen Co. A. L. Grover, ch. clk.; adv. E. N.-R. May 19.

N. J., Teaneck (mail West Englewood)—May 24, by Teaneck Twp. Com., Municipal Bldg., grading, curbing and rein.-con. paving Norma and Grange Rds., Sherman, Garrison and Cumberland Aves., DeTurck, Beatrice, and William Sts.; also sheet asphalt paving Griggs Ave. A. Noack, 236 Main St., Hackensack, engr.

Pennsylvania—May 27, by State Hy. Comn., Harrisburg, one course rein.-con. paving, etc. approximately 188,004 ft. 12 projects in Berks, Bucks, Butler, Chester, Clearfield, Luzerne, Mifflin, Mercer, Monroe, Wayne, Lackawanna, Montour, Northumberland, and Perry Counties. J. L. Stuart, secy. highways.

Pa., Phila. — May 26, by Dept. Pub. Wks., Bureau of Highways, Schedule A, improving 8,810 sq.yd. Holme Ave. (North Dr.) from Holme Circle (Welsh Rd.) to Willits Rd.; Schedule B, grading Oxford and Rising Sun Aves.; Schedule C, asphalt paving (assessment work) 15,729 sq.yd. various streets; Schedule D, asphalt repaving 6,439 sq.yd. Ann, Orleans and Stella Sts.; Schedule E, redressed granite block repaving 17,065 sq.yd. Quince, Wister (track area) and 11th Sts.; Schedule F, paving and repaving 1,455 sq.yd. Chancellor St.; Schedule G, paving and repaving certain alleys in Highway Dist. 6; Schedule H, 1,000 tons asphaltic concrete paving materials; Schedule I, 2,500 tons asphalt surface and 2,500 tons binder mixtures; Schedule J, 1,000 tons paving gravel, etc. G. H. Biles, dir.

Pa., Pittsburgh—May 20, by City Controller, repaving, etc., Southern Ave. $80,000. Dept. Pub. Wks., City County Bldg., engrs.

Maryland — May 31, by State Road Comn., Baltimore, concrete paving Contr. F-100, Frederick Co., Contr. C1-68, Carroll Co., Contr. Wi-41, Wicomico Co., and Contr. Wo-48, Worcester Co.; graveling Contr. Ch-43, Charles Co.; concrete shoulders on Contr. B-1-B, Baltimore Co., Contr. 125-C, Montgomery Co., Contr. P-3-B, Prince Georges Co.; and concrete shoulders and resurfacing Contr. Sm-4-A, St. Marys Co. J. N. Mackall, chn.; adv. E. N.-R. May 19.

Md., Baltimore—May 25, by Bd. Awards, concrete footways as listed Footway Contr. 101. S. Purcell, City Hall, highways engr.

Md., Easton—June 6 (extended date), by Mayor, at office R. Goldsborough, town clk., resurfacing 26,510 sq.yd. "Topeka" concrete and penetration macadam pavement. E. G. Kastenhuber, Jr., town engr.; adv. E. N.-R. May 19.

Virginia—May 31, by State Hy. Comn., Richmond, improving roads on Project F-77-B, F-171-A, S-436-A and S-466; also bridges, etc. on Projects S-451, S-462 and S-463. C. S. Mullen, ch. engr.; adv. E. N.-R. May 19.

W. Va., Moundsville—May 23, at office L. L. Stidger, city clk., curbing and brick, concrete, amiesite, warrenite, Kentucky rock or sciota rock asphalt paving portions 3rd, 7th and 9th Sts., Oak, Fostoria and North Aves. J. S. Sammons, city engr. Noted Apr. 4.

O., Barberton—June 15, by City Bd. Control, paving, etc. roadway around Lake Anna. $65,000. City appropriates $40,000 toward cost.

O., Cleveland—May 21, by Bd. Comrs. Cuyahoga Co., paving, etc. Barton Rd. 3. $55,450. F. Lander, Court House, engr.

O., Cleveland — May 21, by Bd. Comrs. Cuyahoga Co., paving, etc. Libby Rd. 4. To exceed $50,000. F. Lander, Court House, engr.

O., Euclid—May 23, by Village, paving, etc. East 204th St. and Ardwell Ave. To exceed $25,000. F. A. Thomas, Town Hall, engr.

Indiana—May 25, by J. D. Williams, dir. State Hy. Comn., Indianapolis, paving 8.874 mi. State Rd. 41, Benton and Warren Counties, also 14.551 mi. State Rd. 41, Newton Co.; and grading 8.656 mi. State Rd. 56, Washington and Scott Counties. $654,000. W. J. Titus, ch. engr.

Ind., Angola—June 6, by Comrs. Steuben Co. paving 7,941 ft. W. Gochenour Rd. $12,416, 6,568 ft. F. McCool Rd. $7,953, and 11,918 ft. Levi Rakestraw Rd. $21,062. F. O. Watkins, Angola, aud.

Ind., Bedford — June 7, by Comrs. Lawrence Co., brick, concrete or asphalt paving Holland Rd. $12,966, Chastian Rd. $8,523, Slaughter Rd. $9,545, Woods Ferry and Spencer Rds. $18,670, Popcorn and Harrodsburg Rds. $13,942. J. H. Taylor, Bedford, aud.

Ind., Columbia City—May 28, by Comrs. Whitley Co., paving 16,063 ft. Bauer and Blaugh Rds. $26,276, 14,747 ft. Coulter Rd. $17,856, 13,420 ft. Lickey Rd. $12,250, 5,347 ft. Gilliam Rd. 2 $12,017, 13,603 ft. Fry Rd. $11,227, 5,262 ft. Gillian Rd. 1 $9,097, and 7,073 ft. Van Meter Rd. $7,637. R. F. Raber, Columbia City, aud.

Ind., Fowler—June 6, by Comrs. Benton Co., paving 15,200 ft. Highway 266, $26,757. S. N. Geary, Fowler, aud.

Ind., Laporte—May 28, by Comrs. Laporte Co., brick, asphalt and concrete paving Kemper Rd. $109,655. F. A. Hausheer, Laporte, aud.

Ind., Lebanon—June 7, by Comrs. Boone Co., paving Shaw Rd. $16,517, and Lambert Rd. $12,262. M. Harvey, Lebanon, aud.

Ind., Noblesville — June 7, by Comrs. Hamilton Co., paving R. A. Moffitt Rd. $10,117, A. K. Davis Rd. $6,160, W. C. Wheeler Rd. $6,303, and J. Mongold Rd. $6,605. O. M. Applegate, Noblesville, aud.

Ind., Portland—May 28, by Comrs. Jay Co., paving Stone Rd. $35,127, Dull Rd. $12,289, and Votaw Rd. $10,571. H. Martin, Portland, aud.

Ind., Wabash—June 7, by Comrs. Wabash Co., paving Jos. L. Elliott Rd. $27,593, Nathan Gilbert Rd. $6,736, and Wilson Weller Rd. $7,604. W. Beaucamp, Wabash, aud.

Michigan—May 24, by E. K. Benkert, resident engr., Pt. Huron, concrete paving 91,557 sq.yd. A. D. 449, Co. No. 77-50, Macomb and St. Clair Counties, for State Hy. Dept., Lansing.

Michigan — May 26, by W. W. Lavers, resident engr., Plymouth, concrete paving 6,734 sq.yd. F. A. 209, Sect. A, Contr. 1, Monroe Co., for State Hy. Dept., Lansing.

Mich., Grand Rapids—May 24, by Comrs. Kent Co., graveling 29,241 sq.yd. Courtland-Porter Hollow Rd. O. S. Hess, Grand Rapids, co. engr.

Illinois and Missouri—See "Bridges."

Ill., Chicago—May 24, at office Bd. Local Impvts., Room 207, City Hall, grading and 7 in. concrete paving, portions various alleys; grading curbing, guttering and 8 in. concrete paving, etc., portions Elizabeth, West 61st and West 90th Sts., South Racine, Catalpa, Dower, Austin, Langdale, South Francisco, Belmoral, and Berwin Aves.; grading, curbing, guttering and asphalt on 6 in. concrete paving portions West 79th and 81st Pls., Eddy, West 80th, 81st, and 82nd Sts., Bloomingdale, North Hermitage, Phillips, Cornelia, Newport, North Major, South Maplewood, South Campbell, South Ashland, and South Artesian Aves.; grading, curbing, guttering and 10 in. concrete paving portions Bryn Mawr and Diversey Aves. M. J. Faherty, pres.

Wisconsin—May 25, by State Hy. Comn., Court House, Wausau, grading and concrete paving, etc. 60,824 sq.yd. Athens-Taegesville Rd., Marathon Co. Trunk Highway A, State Project 4387. H. J. Kuelling, Madison, highway engr.

Wis., Jefferson — May 24, by Comrs. Jefferson Co., H. J. Grell, highway comr., grading and graveling, etc. 7,399 cu.yd. Concord-Ixonia Rd., Job 1035; and 5,046 cu.yd. Watertown-Hebron Rd., Job 1036. A. L. Hambrecht, div. engr.

Wis., Stevens Point—May 26, by State Hy. Comn., Court House, grading, concrete paving, etc. 52,127 sq.yd. Portage-Stevens Point Rd., S. T. H. 10, Federal Aid Project 423-C. H. J. Kuelling, Madison, state highway engr.

Wis., Superior — May 24, by State Hy. Comn., Div. Office 8, 1st Natl. Bank Bldg., grading and graveling, etc. 1,050 cu.yd. Federal Aid Project 377-D, Douglas Co. J. R. McLean, div. engr.

Ia., Des Moines—May 23, at office Auditor Polk Co., improving, 20.5 mi. roads, 1,000 cu.yd. gravel 1 mi. haul, 153,000 units overhaul, etc.; and 9.75 mi. roads, 111,416 cu.yd. excav., 62,054 units overhaul, etc. F. O. Laing, Des Moines, co. engr.

Ia., Nevada — May 25, at office Auditor Story Co., improving Project M-110, 3,625 cu.yd. gravel 1 mi. haul, 64,000 units overhaul and 700 cu.yd. stripping. S. Steigerwalt, maintenance supt. Noted Mar. 17.

Minn., St. Paul—May 24, by A. E. Eggert, city purch. agt., paving Fairfield Ave. between Wabasha and South Roberts Sts. $29,486. G. M. Shepard, city engr.

Minn., St. Paul—June 6, by G. J. Ries, aud. Ramsey Co., grading, graveling, etc. 3 mi. County Project 27-13, Hodgson Rd. extension in Anoka Co. between north line Ramsey Co. and Minnesota Trunk Highway 63. $50,000. P. N. Coates, Guardian Life Bldg., engr.

Kan., Minneapolis — June 7, by Clerk Ottawa Co., grading, etc., 1.736 mi. Federal Aid Project 254-B. L. R. Miller, Minneapolis, co. engr.

Kan., Russell—June 9, by Clerk Russell Co., improving 6.263 mi. Federal Aid Project 30-E, 28 ft., 260 lin.ft. guard fence, 41,944 cu.yd. earth and 19,455 cu.yd. borrow excav., 61,175 lb. reinforcing, 390 ft. 18 and 24 in. pipe, etc. F. S. Gilmore, Russell, co. engr. Noted May 12.

Kan., Salina—June 8, by Clerk Salina Co., improving 8.543 mi. Federal Aid Project 374-A, 30 ft., 65,476 cu.yd. earth and 42,659 cu.yd. borrow excav., 570 ft. hedge, 1,150 ft. guard fence, 33,329 lb. reinforcing, 348 ft. 15- to 24-in. pipe, etc. W. H. Cost, Salina, engr. Noted May 5.

Neb., Bancroft—May 24, by G. C. Teich, city clk. grading, 3 and 4 in. graveling, etc. 32,200 yd. Cedar, Main, Poplar, Elm and Vine Sts., Dist. 1. To exceed $25,000. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Neb., Omaha — May 25, by G. Berger, clk. Douglas Co., grading, etc., 5,200 cu.yd. more or less 72nd St.; 7,500 cu.yd. more or less Road 25; and 9,000 cu.yd. more or less Road 60. A. Adams, Omaha, co. engr.

Mo., St. Louis — May 31, by Bd. Pub. Serv., 208 City Hall, amiesite paving 1,150 sq.yd. DeTony St. $8,400, 3,355 sq.yd. Harney Ave. $27,200, and 5,760 sq.yd. Neosho St. $35,800; asphaltic concrete paving 2,250 sq.yd. Kansas St. $15,080, and 3,485 sq.yd. Minnesota St. $23,720; rein.-con. paving 5,370 sq.yd. Ray St. $27,000, and 1,320 sq.yd. Laura St. $7,080; warrenite bitulithic paving 2,145 sq.yd. Geyer St. $10,120, 4,470 sq.yd. Louisiana Ave. $20,600, and 860 sq.yd. Prather St. $7,480; asphalt paving 830 sq.yd. 21st St., $6,600; recut granite block paving 11,460 sq.yd. Vanderventer St., $100,000; and warrenite paving 6,550 sq.yd. Lindell St., $30,000. W. W. Horner, 300 City Hall, engr

Tex., Houston—May 24, by State Hy. Com., Austin, R. S. Sterling, chn., rein.-con. paving, etc., 6.53 mi. Highway 3, Federal Aid Project 466-A-D, Unit 2, Harris Co., 18 ft. $142,000. Howe & Wise, Courthouse, engrs.

Okla., Wewoka — May 23, by D. R. Fraser, city clk., grading, curbing and concrete paving 60,400 sq.yd. Dist. 9. $237,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Wash., Ellensburg—May 27, by Comrs. Kittitas Co., grading and concrete paving 4.3 mi. Cle Elum-Roslyn Rd. T. P. Doyle, Ellensburg, constr. engr.

Calif., Burbank — F. S. Webster, city clk., taking bids grading and 5 in. bituminous concrete paving, etc. 119,715 sq.ft. Rowland and Clybourn Aves. T. R. Mini, city engr.

Calif., Los Angeles—May 31, by Supervs. Los Angeles Co., grading, 8 in. concrete paving 5,453 sq.ft. and 9 x 7 x 7 x 7 x 9 in. concrete paving 82,935 sq.ft. 182nd St., Impvt. 583. G. W. Jones, Hall of Records, engr.

Calif., Martinez — June 6, by Supervs. Contra Costa Co., grading and concrete paving, etc. 1,476 cu.yd. Highway Div. 46. R. R. Arnold, Martinez, co. surv.

Calif., Oakland—F. C. Merritt, city clk., taking bids grading, curbing, guttering and oil macadam paving, etc. 91,773 sq.ft. East 7th St. W. W. Harmon, city engr. Noted May 5.

Calif., Roseville — City Trustees taking bids grading and asphaltic concrete paving, etc., South Lincoln Sts., etc. To exceed $25,000. C. C. Kennedy, Call Bldg., San Francisco, engr. Noted May 5.

Que., Piopolis—May 25, by J. Turcotte, secy. and treas., graveling 47,990 ft. Marston South St. $80,000.

Ont., Cornwall—June 6, by J. W. McLeod, clk. Cornwall Twp., Mille Roches, concrete or bitulithic paving 12,710 sq.yd. Smithsville, Lornville and Gladstone (suburbs of here). $45,000. W. H. Magwood, Cornwall, engr.

Ont., Hamilton — See "Contracts Awarded."

Ont., Hastings—May 25, by J. H. Hess, reeve, asphalt or bitulithic on concrete paving 15,000 sq.yd. various streets, $60,000.

Constr. News page 319

Streets and Roads (Continued)

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 3,083 ft. highway in Lakeville, to V. L. Canedy, Lakeville, $18,175, 6,000 ft. in Millis and 3,500 ft. in Medway, to Phipps Bros., Hopkinton, $27,705 and $23,007 respectively, 1,900 ft. in Harvard, to C. B. Horne, Millbury, $10,998, and 21,066 ft. in Richmond, to Hampden Constr. Co., 98 Lincoln Park, Waltham, $149,356; bituminous concrete paving 4,000 ft. in Hanson, to O. T. Mann, South Hanover, $18,582; and rein.-con. paving 14,611 ft. in Swansea, to J. McCormick Co., East Providence, R. I., $156,030. Grand total $403,853. Noted Apr. 21.

Mass., Boston—Dept. Pub. Wks., bituminous macadam paving various streets, to Central Constr. Co., 228 Southampton St., $113,400. Former contract rescinded. Noted Apr. 28.

Mass., Boston—Dept. Pub. Wks., sheet asphalt paving Eldredge Rd., Ward 10, also Midvale, Pierpont and Russet Rds. Ward 20, to J. H. McCarthy Co., 121 Boston St., Dorchester, $47,000. Noted May 12.

Mass., Brighton (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt paving Antwerp St., etc., to M. F. Gaddis, 6 Beacon St., Boston, $24,524. Engrs. est. $25,000.

Mass., Quincy (Boston P. O.) — Dept. Pub. Wks., Boston, granolithic sidewalks on Copeland St., etc., here, to Shea & Sons, 285 Common St., $2.48 per sq.yd.

New York—Bd. Hudson River Regulating Dist., 44 Howard St., Albany, grading and graveling 9.1 mi. road from Conklingville to West Day, to Shackett & Schofeld, Inc., Beacon, $184,619; 7.2 mi. road from West Day to Edenburgh, to Kingsbury Constr. Co., Hudson Falls, $121,369; and 9 mi. road from Conklingville to Batchellersville, to S. J. Groves & Co., Inc., Ticonderoga, $123,205, all above highways adjacent to proposed Sacandaga Reservoir. Grand total $429,193. Noted Apr. 14.

N. Y., Highland — F. S. Greene, supt. Pub. Wks., Albany, concrete paving 1.03 mi. West Approach Mid-Hudson Bridge, Ulster Co., Contr. 6, to D. Schoentag, Inc., Saugerties, $223,660. Noted May 17.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading 71st St. and Tieman Ave., etc., to Welsh Bros. Contg. Co., 32 Queens St., Astoria, $2,713 and $21,337 respectively, 223rd St., to Peace Bros. Inc., 57 North Lawrence St., Flushing, $559, Liberty St., to Gifford Constr. Co., Fulton St., Jamaica, $25,015, Lafayette St., to J. J. O'Brien, Jr., William St., Jamaica, $6,281, and 34th Ave., to W. J. Fitzgerald, 547 West 45th St., New York City, $28,869; sheet asphalt paving Hammels Blvd., to Sprague Constr. Co., Mott Ave., Far Rockaway, $117,823; sheet asphalt on macadam repaving Locust Ave., also Springfield and Merrick Rds., to Highway Impvt. & Repair Co., 50 Church St., New York City, $45,041 and $122,421 respectively; Rocky Hill Rd. and Farmers Ave., to W. P. MacDonald, Lawrence St., Flushing, $45,850 and $101,830 respectively; Jamaica Ave., to Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $21,075; sheet asphalt on granite block paving Flushing Rd., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $28,230. Grand total $567,044. Noted May 5.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., asphalt block paving University Ave., to Burnside Contg. Co., 270 Burnside Ave., $112,921; grading Bronxdale Ave. and Campbell Dr., to I. F. Cavaluzzo, 1300 Cromwell Ave., $68,864 and $13,616 respectively, and Eastern Blvd. (Ludlow Ave.), etc. to Rosendale Eng. Co., 1170 Manor Ave. $74,605; bituminous on concrete paving Sherman Ave., and sheet asphalt paving Morris Ave., to C. D. Beckwith, Seneca Ave. and Edgewater Rd., $16,489 and $17,488 respectively, also East 172nd St., to Gaffney Constr. Co., Story and Hermany Aves. $16,950. Grand total $320,933. Noted Apr. 29.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete paving College Ave., to J. Johnson & Sons, 445 Bway., West New Brighton, $17,801. Noted Apr. 28.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, concrete paving 24,980 sq.yd. Hiawatha St., to Hogan Constr. Co., Merchants Bank Bldg., $150,000. Noted Apr. 7.

N. J., Haddon Heights—Boro Council, sidewalks and paving 31,000 lin.ft. streets in Fairfield Estates, to Union Paving Co., 123 South 21st St., Phila., Pa., $244,845. Noted Apr. 7.

Constr. News page 320

N. J., Linden — Paving 8 streets, to Franklin Contg. Co., 20 Washington Pl., Newark, $169,510, and to C. H. Winans, 205 Broad St., Elizabeth, $61,925.

N. J., Paterson—Bd. Educ., City Hall, grading, sidewalks, etc. playground at P. S. 13, to H. Highman, 68 East 20th St., $28,497.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to C. G. Centrone, 522 North 65th St., improving City Ave. $44,986, to J. F. Molloy, 15 East Mermaid Lane, Wheelpump Lane and Whitemarsh St. $2,993, and to R. B. Wenner, 2819 West Gordon St., 61st St. $73,294; to Barber Asphalt Co., 239 North 30th St., asphalt paving (assessment work) Atlantic and Gaul Sts. $11,273, Comly St. $3,529, Roselyn and 66th Sts. $9,085, Sentner St. $4,847, and Whitaker St. $6,919, to Union Paving Co., 123 South 21st St., Brill, Ditman, Foust, and Torresdale Sts. $33,087, Rowland St. $39,427, improving Gilbert Rd. $5,684, paving and surfacing Rising Sun Ave. $1,542, Wadsworth St. $22,657, asphalt repaving Cumberland St. $16,194, 19th St. $18,204, paving and repaving Germantown Ave. $49,443, also grading and paving Rising Sun Ave. $12,215, to Eastern Asphalt Paving Co., Penna Bldg., Cottman St. $20,798, Rosehill St. $5,188, Hope St. $5,730, Melvale St. $4,506, and Hutchinson St., $5,689; to Atlantic Refining Co., 260 South Broad St., furnishing asphalt dust layer $11,550; to West Jersey Sand & Supply Corp., Delaware Ave. and Marlborough St., ready mixed concrete $6,150; to McAvoy Vitr. Brick Co., Liberty Trust Bldg., vitr. paving bricks, $13,800; to J. Meehan & Son, 916 West Dakota Ave., smooth dressed granite blocks, $2,048; to Phila. Impvt. Co., Bourse Bldg., portland cement, $2,530; and to Mundy Paving & Constr. Co., 226 South Warnock St., repairing bridges, $1,800. Grand total $435,143. Noted May 5.

Pa., Vanport—Improving 1 mi. Vanport Rd., 16 ft., to Pinehart Bros., East Liverpool, O., $35,524. Engrs. est. $35,000.

Pa., Washington—Washington Co., concrete paving Eldora Rd., to Donora Constr. Co., Donora, $80,000.

Md., Baltimore—Bd. Awards, concrete paving 13,325 sq.yd. streets listed in Contr. 403, to Arundel Contg. Co., Knickerbocker Bldg., $32,107; grading 26,200 cu.yd. streets listed in Contr. 402, to W. A. Potts Co., New Amsterdam Bldg., $11,528; and sheet asphalt paving 10,700 sq.yd. streets listed in Contr. 399, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $45,870. Noted Apr. 21.

Florida—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Miss., Bay Springs—Jasper Co., grading and graveling 15.04 mi. Louin-Newton Highway, to J. S. Holman, Hattiesburg, $61,855; and graveling 10 mi. Bay Springs-Laurel Rd., to Bodie Constr. Co., Laurel, $16,545. Noted Apr. 7.

Miss., Corinth—Grading and asphalt on macadam, etc., paving portions various streets, to Carey-Reed Constr. Co., Lexington, approximately $60,000. Noted Apr. 21.

Miss., Oxford — Lafayette Co., grading, gravel surfacing, etc. 2.065 mi. Federal Aid Project 66-D, to Nixon-Phillips, New Albany $27,395. Noted Apr. 28.

Miss., Oxford—Bd. Supervs. Lafayette Co., 30,500 tons gravel on road north from Oxford to Abbeville, to Batesville Gravel & Material Co., Batesville. Noted Mar. 31.

Miss., Port Gibson—Claiborne Co., grubbing, grading, graveling, etc. 10 mi. Port Gibson-Windsor Rd., to Clark & McCalla, Port Gibson, $30,131; and 8.42 mi. Windsor-Rodney Rd., to F. D. Harvey, Jonesboro, La., $31,662. Noted Mar. 24.

La., Benton—Bossier Parish, grading and graveling 26 mi. road from Benton to Haughton via Belleview and Princeton, to Alexandria Contg. Co., Alexandria, $131,448.

La., Benton—Bossier Parish, grading and graveling, etc. 5.4 mi. Rocky Mountain-Hughes Spur Highway, to Dres Bros., Minden, $26,077.

La., Shreveport—Widening and concrete paving Marshall St. from Crockett to Stone Aves., to Flenniken Constr. Co., Cahn Bldg., Shreveport, $43,881.

Tenn., Knoxville—Grading, curbing, guttering and 5,150 sq.yd. concrete sidewalks on various streets, to G. W. Ferris, Knoxville, $44,593; and grading, curbing, guttering and sheet asphalt paving 41,000 sq.yd., concrete paving 17,000 sq.yd. and asphaltic concrete paving 38,000 sq.yd. various streets, to Murray Constr. Co., Holston Bank Bldg., $427,489. Noted Apr. 7.

Kentucky—State Hy. Dept., Frankfort **(S.A.P. means State Aid Project)**, to Southern Oil & Tar Co., Clay and Fulton Sts., Louisville, improving 30.35 mi. Group 1, incl. single application oil surfacing S.P. 1-L, Todd Co., S.P. 80-L Logan Co., S.P. 11-N Nelson Co., also double application tar surfacing S.P.-11-G-1, Warren Co., and S.P.-11-N Logan Co. $20,127, and 19.94 mi. Group 9, incl. oil surfacing S.P. 35-A Whitley Co., and tar surfacing S.P. 38-A, and S.P. 5-S, Bell Co. $15,214; to F. G. Breslin, 32nd and Market Sts., Louisville, 31.6 mi. Group 2, incl. oil surfacing S.P. 3-D and tar surfacing S.P. 47-A, 18-D and S.P. 44-A, Nelson Co. also S.P. 47-B Washington Co. $22,078; to R. B. Tyler, 114 South 4th St., Louisville, 18.7 mi. Group 3, incl. oil surfacing S.P. 18-A, and tar surfacing S.P. 17-A, Jefferson Co. $16,201, and 8.4 mi. Group 10, incl. tar surfacing S.P. 20-N Lewis Co. $6,068; to Kentucky Road Oiling Co., Frankfort, 39.8 mi. Group 4, incl. oil surfacing S.P. 46-D Shelby Co., and tar surfacing S.P. 46-B Henry Co., S.P. 64-A Gallatin Co., S.P. 49-A Scott Co., and S.P. 17-E Franklin Co. $34,052; to Eaton Oil Wks., Covington, 13.3 mi. Group 5, incl. tar surfacing S.P. 21½-A, Campbell Co., and S.P. 57-B Pendleton Co. $10,597, to Carey-Redd Co., Lexington, 27.51 mi. Group 6, incl. tar surfacing S.P. 58½-B, and oil surfacing S.P. 21-F Harrison Co., oil surfacing S.P. 61-A, and S.P. 20-J Nicholas Co., S.P. 32-B and C, Montgomery Co. $17,954, 20.92 mi. Group 7, incl. oil surfacing S.P. 47-E Mercer Co., S.P. 22-F Lincoln Co., S.P. 25-C Boyle Co., and tar surfacing S.P. 168-A and 153-A Boyle Co. $12,752, and 22.09 mi. Group 8, incl. oil surfacing S.P. 22-K, McCreary Co., and tar surfacing S.P. 22-H, Pulaski Co. $14,040. Grand total $169,083. Noted Mar. 10.

O., Akron—W. F. Peters, dir. Serv., City Hall **(e.e. means engrs. est.)** grading, curbing, walks, guttering and Trinidad asphalt paving, etc. 14,890 sq.yd. South Arlington St., and 9,200 sq.yd. East Buchtel Ave., to McCourt Constr. Co., 369 South Main St., $67,328 and $31,653 respectively e.e. $91,000 and $43,600 respectively; grading, curbing and vitr. brick (Texaco) paving 4,705 sq.yd. Haynes St., to T. E. McShaffrey Constr. Co., 173 South Forge St., $23,666 e.e. $28,900; curbing, grading and Mexican asphalt paving, etc. 2,365 sq.yd. Linden Ave., to Columbus Asphalt Paving Co., 304 Buckeye Bldg., $11,538 e.e. $13,700; also, grading, curbing, and 3 in. brick paving, etc. Collinwood Ave., to Hollinger & Davidson, 435 South Bway., $11,516 e.e. $13,500. Grand total $145,701. Noted May 12.

O., Akron—Comrs. Summit Co., grading, rein.-con. widening, etc. 15,000 sq.yd. Akron-Wadsworth Rd. A and B, to Columbus Asphalt Paving Co., 304 Buckeye Bldg., $54,047, engrs. est. $60,000.

O., Cincinnati—Hamilton Co., grading and tar bound macadam repaving, etc. 13,500 sq.yd. Madisonville Rd., to W. P. Flynn, Chase Ave., $31,921 engrs. est. $33,370; also grading and asphaltic macadam repaving 25,000 sq.yd. Lockland Rd., to J. S. Slone, 2312 Mound Ave., Norwood, $67,152, engrs. est. $72,335. Noted Apr. 14.

O., Cincinnati — Bd. Rapid Transit Comrs., grading, curbing, walks and brick paving 1,000 sq.yd. and bituminous macadam paving 300 sq.yd. intersection Central Parkway and Ludlow Aves., to Scully-Braehm Co., Ludlow Ave., $24,270. Engrs. est. $25,300. Noted Apr. 7.

O., Cincinnati—C. O. Sherrill, city mgr., City Hall, oil treating various streets, alleys and public ways, to Byrnes & Conway Co., 212 Hazen Bldg., $47,500. Engrs. est. $50,000. Noted Mar. 24.

O., Cincinnati—Grading, curbing, walks, concrete paving 20,000 sq.yd. and bituminous macadam paving 300 sq.yd. Kellogg Ave., to Wilmore Paving Co., Middletown, $90,363. Engrs. est. $102,313.

O., Cleveland — Cuyahoga Co., grading, guttering, walks and sheet asphalt paving 31,000 sq.yd. Taylor Rd. 4 to Cleveland Trinidad Paving Co., The Arcade, $177,488.

O., Cleveland — To Rieley Bros., The Arcade, curbing and brick paving, etc. Arabelle Ave. $13,679, Hillsboro Ave. $8,209, and asphalt paving Westburn Ave. $2,969, to Cleveland Trinidad Paving Co., The Arcade, Kinsman Viaduct $2,644, Rosecliff Ave. $12,897 and East 39th St. $18,148, to Highway Constr. Co., Guarantee Title Bldg., East 120th St. $1,548, and East 139th St. $6,620. Grand total $66,714.

O., Columbus—W. H. Duffy, dir. Serv., cement sidewalks on 26 streets, to Fletcher Bros. Paving Co., 1603 Harvard Ave., $16,649. Noted Apr. 21.

O., Euclid—Paving, etc. Fuller Ave., to Floyd B. Stein, Inc., Babbitt Rd., $25,519. Noted Apr. 28.

O., Hamilton—G. C. Mitchell, dir. Service, grading, curbing and asphalt paving, etc., approximately 2¼ mi. 8 streets, to Republic Asphalt Paving Co., 832 South Ludlow St., Dayton, $105,722.

Ind., Goshen—Comrs. Elkhart Co., paving "O-2" Rd., to Concord Constr. Co., Goshen,

Streets and Roads (Continued)

$13,490; "Q-2" Rd., to Phend & Brown, Elkhart, $14,223; and "V-3" Rd., to Bontrager Constr. Co., Elkhart, $2,399. Grand total $30,112. Noted Apr. 28.

Ind., Indianapolis—Comrs. Marion Co., bituminous macadam paving 5.43 mi. Frank Mann Rd., to Hayes Constr. Co., 1530 West 30th St., $115,420. Noted Apr. 14.

Ind., Kokomo—For 7 in. rein.-con. paving North Market St., to Watson Paving Co., Kokomo, $33,495.

Ind., Jeffersonville — Comrs. Clark Co., grading and concrete paving Hertzsch Rd., to Hutchinson Constr. Co., 546 Illinois Bldg., Indianapolis, $44,300. Noted Apr. 21.

Ind., Monticello — Comrs. White Co., paving Chester Wickersham Rd., to Ellis & Ellis, c/o C. Scott, aud., Monticello, $65,-887. Noted Apr. 28.

Mich., Detroit—For 3½ in. sheet asphalt on 8 in. concrete paving 7 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $60,858; and one course 8 in. concrete paving Steger Court, Cheyenne St. and 7 avenues, to Otis Cement Constr. Co., 419 Hammond Bldg., $112,755.

Mich., St. Johns—Bd. Rd. Comrs. Clinton Co., graveling 11.5 mi. Assessment Dist. Rd. 24, to Soloman Gravel Co., Lansing, $83,000. Noted Apr. 14.

Mich., Wyandotte—Concrete curbing and one course 8 in. concrete paving 6,816 sq. yd. Bennett, Cedar and Helen Sts., to W. L. Thon, 99 North Biddle St., $25,000.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving Route 115, Sects. 101 and 101-D, 102 and 102-D, 103 and 103-D, all Kankakee Co., to McMahon Constr. Co., Rochester, Ind. $289,900, Route 152, Sect. 104 and Route 154, Sect. 108, both Perry Co., to H. A. Kribs, Edwardsville $293,000, Route 127, Sect. 111, Bond Co., to Nelson Constr. Co., Jerseyville $139,083, Route 70, Sects. 106, 109, Ogle and Lee Counties, to McCarthy Impvt. Co., Kahl Bldg., Davenport, Ia., $119,743 and $168,478 respectively, Route 47, Sect. 119, Grundy and Livingston Counties, and grading Route 47, Sect. 119-A, Grundy Co., to Hartman-Clark Bros., 330 Peoria Life Bldg., Peoria $178,022 and $11,192 respectively. Grand total $1,199,-418. Noted Jan. 7 and Mar. 3.

Ill., Belvidere—Grading, curbing, guttering and rein.-con. paving 28,400 sq.yd. South State St. and Logan Ave., to F. F. Weir Constr. Co., Moline, $69,688. Engrs. est. $96,000.

Ill., Niles Center — Rein.-con. paving various streets in Devonshire Manor Subdivision, to Arcole Constr. Co., Evanston, $248,341. Engrs. est. $311,300. Noted Apr. 28.

Ill., Springfield—Sangamon Co., 2 m.g. road oil on county and township roads, to Capitol Oil Co., 920 South Grand Ave. E., at $0.0489 per gal. f.o.b. destination. Engrs. total est. $100,000.

Wisconsin—State Hy. Comn., Madison, concrete paving, etc. 30,788 sq.yd. Lomira-Brownsville Rd., Job 1040, Dodge Co., to P. T. Fess Constr. Co., Madison, $77,457.

Wisconsin—State Hy. Comn., Madison, concrete paving, etc. 74,220 sq.yd. Wausau-Kalinke Rd., Marathon Co. Job 4388, to Froemming Bros., Inc., 1326 Humboldt Ave., Milwaukee, $214,769; and 81,494 sq.yd. Mosinee-Rothschield Rd., Federal Aid Project 449-A and 386, to E. W. Hallett, Crosby, Minn., $188,146.

Wisconsin — State Hy. Comn., F. M. Sergeant, div. engr., Antigo, concrete paving, etc. 50,143 sq.yd. Federal Aid Project 20-S, to E. W. Hallett, Crosby, Minn., $107,187; 84,402 sq.yd. Deerbrook-Summit Lake Rd., to R. R. Birdsall & Sons Co., Racine, $205,305, and 95,444 sq.yd. Koepenick-Pelican Rd., to Universal Eng. Co., Medford, $240,188, both Langlade Co. Grand total $552,680.

Wis., Eau Claire — For 6 in. concrete paving 21,341 yd. various streets, to Garnock Constr. Co., Eau Claire, $56,102.

Wis., Milwaukee — Bd. Pub. Wks., to Czerwinski Constr. Co., Milwaukee, grading and paving Buher St. between North and 32nd Sts. $18,655, 52nd St. between Center and Burleigh Sts. $32,549, 52nd St. between Wells and Wisconsin Sts. $4,036, 40th St. between Burleigh and Fond du Lac Sts. $14,730, 48th St. between Wisconsin and Wells Sts. $6,978, and Fulton St. between Pryor St. and Kinniannic Ave. $14,-245; to F. Blodgett, Milwaukee, Bowery Pl. between 42nd St. and Sherman Blvd. $8,877, and Iron St. between Delaware and Fulton Sts. $6,924; to Jacobus & Winding, Milwaukee, 58th St. between Center and Burleigh Sts., $30,783; to W. Hunt, Milwaukee, 41st St. between Burleigh and Fond du Lac Sts., $17,523; to Milwaukee General Constr. Co., Milwaukee, 41st St. between Row and Menomonee Sts. $15,186, and Linbarger Terrace betwene Pryor and Iron Sts. $4,515; to W. Harris, Milwaukee, Maurice St. between Green Bay and 7th Sts., $3,147; to Badger Constr. Co., Milwaukee, 35th St. between Clybourn and Parkhill Sts., $24,002; and to J. C. Bluhm, Milwaukee, 21st St. between Olive and Atkinson Sts., $13,626. Grand total $215,776.

Wis., Superior—State Hy. Comn., Madison, grading, concrete paving, etc. 13,706 sq.yd. Arrowhead Bridge Rd. (Belknap St.), to J. McDonnell, L'Anse, Mich., $32,538.

Ia., Clarion—Wright Co., to Fox Constr. Co., Forest City, improving Federal Aid Project 267-B and D, 77,570 cu.yd. earth excav. at $0.27 and $0.274 per cu.yd., 400 cu.yd. rock excav. at $1 and $1.50, 25,000 sq.yd. overhaul $0.02, and 384 ft. culvert labor $0.30 and $0.40; also to C. J. Pegum, Hampton, 3,734 ft. 6- to 12-in. tile drain $0.15 to $0.35, and 8 intakes $20 each. Noted Apr. 14.

Ia., Denison — Crawford Co., grading 0.93 mi. Primary Project 508, and 3.2 mi. Primary Project 451, straightening river channel and approaches to overhead crossing over railroad tracks, to G. W. Condon, 415 Farnum St., Omaha, Neb., $37,000. Noted Apr. 7.

Ia., New Market—Rein.-con. paving 15,-601 sq.yd. various streets, to Union Constr. Co., 200 New York St., Des Moines, at $2.24 per sq.yd. Noted Mar. 31.

Ia., Oskaloosa—Mahaska Co., grading, 6 in. concrete paving etc. 33,194 sq.yd. Federal Aid Project 70, and 36,479 sq.yd. Federal Aid Project 146, to Des Moines Asphalt Paving Co., 2nd and New York Sts., Des Moines, $82,382 and $93,820 respectively. Noted Apr. 7.

Ia., Sioux City—R. Nash, city clk., asphaltic concrete paving 1,300 sq.yd. Fairmont St., to Western Asphalt Paving Co., 2100 East 4th St., $3,885; concrete paving 15,750 sq.yd. West 8th St., to Booth & Olson Paving Co., 318 Grain Exch. Bldg., at $2.09 per sq.yd.; and rein.-con. paving 11,-000 sq.yd. Geneva St., to P. C. Hansen & Son, 1422 Court St., at $1.88 per sq.yd. Noted Mar. 10.

Ia., Sioux City—Curbing and 6 in. concrete paving 11,000 sq.yd. various streets, to P. C. Hansen & Son, 1422 Court St., $25,400. Noted Apr. 7.

Ia., Sioux City—Woodbury Co. to W. H. Dugan & Sons, Omaha, Neb., improving 3.54 mi. Oto-Danbury Rd., 122,663 cu.yd. excav. at $0.184 per cu.yd., and 98,403 sta.yd. overhaul $0.02. Noted Apr. 14.

Ia., Tipton—Cedar Co., to Jenner Bros., Davenport, improving Bennett-Durant Rd., County Project 1, 100,438 cu.yd. excav. at $0.24 per cu.yd., 25,000 sta.yd. overhaul $0.02, and 690 ft. 12- to 24-in. culvert labor at $0.30. Noted Mar. 24.

Ia., Toledo—Tama Co., clearing, grubbing, 208,000 cu.yd. excav. and 121,500 sta. yd. overhaul, etc., to E. D. Martin, Ames, $51,301 Noted Apr. 22.

Ia., Winterset — Madison Co., to N. C. Nelson, Omaha, Neb., improving Federal Aid Project 236, 25,140 cu.yd. excav. at $0.40 per cu.yd., and 135,000 sta.yd. overhaul $0.02. Noted Apr. 7.

Minn., Duluth — F. W. Borgen, aud. St. Louis Co., concrete paving Trinity Rd. making connection between Miller Trunk Rd. and Duluth city limits, to Thornton Bros. Co., 1363 Dayton Ave., St. Paul, for City and St. Louis Co. $83,658.

Minn., Shakopee — A. J. Mayer, aud. Scott Co. (Forest), improving Job 2704, State Aid Rd. 26, 111,000 cu.yd. excav. and 5 monolithic culverts, to Stanley Bros., St. Cloud, $28,019. Noted Apr. 21.

Kan., Concordia — Cloud Co., grading, bridging, etc., 5.486 mi. Federal Aid Project 67-A, and 1.497 mi. Federal Aid Project 284-C, to I. L. Bozell & Co., Alton, $33,-280. Engrs. est. $37,843. Noted Apr. 14.

Kan., Erie — Neosho Co., grading and chats surfacing, etc. 15 mi. Chanute, Stark and Kimball Rds., to W. F. O'Brien, St. Paul. Noted Apr. 21.

Kan., Girard — Crawford Co., grading, and chats surfacing 3.046 mi. Project 22-A, Gaskell Rd., to Independent Constr. Co., Pittsburg, $24,898.

Kan., Lawrence—Douglas Co., concrete surfacing, etc., 4.19 mi. Federal Aid Project 273-C, to Penny & Baldwin, Lawrence, $135,400; and 3 bridges on same road, to F. P. Watkins, El Dorado, $19,717. Noted Apr. 21.

Kan., Newton—Harvey Co., concrete surfacing, etc. 3.643 mi. Federal Aid Project 329-B, Harvey Co., to Shultz Constr. Co., Wichita, $82,126. Noted Apr. 14.

Kan., Olathe—Johnson Co., concrete surfacing, etc., 5.948 mi. Federal Aid Project 246-F, to Koss Constr. Co., foot of Des Moines St., Des Moines, Ia., $204,326, and 4.059 mi. Federal Aid Project 260-A, to Amer. Paving Corp., $128,877; grading, etc., 3.908 mi. Federal Aid Project 293-B, to A. L. Cook, Ottawa, $17,221, and 2.977 mi. Federal Aid Project 315-D, to D. Scherer, Kansas City, $59,949. Grand total $410,373. Noted Apr. 21.

Kan., Salina—City and Salina Co., grading and 6 and 7 in. rein.-con. paving 21,330 sq.yd. Country Club Rd., Pacific and Crawford Sts., to L. W. Rexroad, Salina, $71,-968; and brick paving 1,620 sq.yd. 11th St., to H. J. Taylor, $6,371.

Kan., Topeka—Curbing, guttering and asphaltic concrete on concrete paving 50,-145 sq.yd. various streets, to Kaw Paving Co., 100 Topeka Ave., Topeka, $269,871. Noted Jan. 27.

Neb., Emerson—Curbing, 7 in. concrete paving, etc. 14,000 yd. various streets, to Booth & Olson, 120 Virginia St., Sioux City, Ia., $42,000. Noted Apr. 7.

Neb., Stanton—Asphaltic concrete paving, etc. 35,000 yd. various streets, to Western Asphalt Paving Co., 2100 East 4th St., Sioux City, Ia., $120,000. Noted Apr. 7.

Montana — State Hy. Comn., Helena **(F.A.P. means Federal Aid Project)**, crushed graveling, etc. 9,757 cu.yd. F.A.P. 98-A, Flathead Co., to G. A. Southerland, Kalispell $85,082, 7,525 cu.yd. (unit 1) F.A.P. 235-B, Fergus Co., to Carrigan & Helpin, Lewistown $57,301, and 8,545 cu.yd. (unit 2) F.A.P. 235-B, Judith Basin Co., to J. W. Hershberger, Hardin $56,903; 18 in. corrugated metal pipe culverts on F.A.P. 237-A, Missoula Co., to T. Helean, 520 East Cedar St., Missoula, $27,313; and constructing Standford and Windham Bridges (timber pile), to Yellowstone Constr. Co., Billings, $3,982. Grand total $230,581.

Mo., Farmington — For 6 in. concrete paving 7,624 sq.yd. various streets, to Hannibal Constr. Co., Hannibal, $25,642.

Mo., Kansas City—Bituminous macadam paving Mall Dr. in Swope Park, to W. A. Ross Constr. Co., Ry. Exch. Bldg. Engrs. est. $70,000. Noted May 5.

Mo., Kansas City — Asphaltic concrete paving, etc., Walnut St. between 7th and 19th Sts., to W. A. Ross Constr. Co., Ry. Exch. Bldg., $60,340. Noted Feb. 17.

Mo., Kansas City — For 6 in. rein.-con. paving, etc., 18,550 sq.yd. various streets, to H. Tidd, Hutchinson, Kan., $54,671.

Mo., Lee Summit — For 6 in. vibrated concrete paving 6,000 sq.yd. various streets, to J. M. Frew Constr. Co., 3534 Campbell St., Kansas City, $26,997.

Mo., St. Louis—Warrenite bitulithic concrete paving, etc., 41,125 sq.yd. West Pine St., to J. Kesel & Sons, Title Guaranty Bldg., $181,852. Engrs. est. $193,000.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, to J. F. McMahon, Buder Bldg., rein.-con. paving 3,330 sq.yd. Geraldine St. $15,-402, to C. A. Moreno, Syndicate Trust Bldg., 3,115 sq.yd. West Park St. $18,886, 1,990 sq.yd. Michigan St. $7,665, and asphalt paving 2,660 sq.yd. Leola St. $13,-584; to Trinidad Asphalt Mfg. Co., Title Guarantee Bldg., asphalt paving 4,660 sq. yd. West Park St., $44,801; to Webb-Boone Paving Co., 5103 Fyler Ave., amiesite paving 3,615 sq.yd. Enright St., $14,985; and to Central Paving & Constr. Co., 6161 Maple Ave., warrenite bitulithic paving 1,820 sq.yd. Beck St., $15,127. Grand total $130,450.

Ark., Dardanelle — Grading, curbing, sewers and concrete paving 44,870 sq.yd. Street Impvt. Dist. 1, to Mobley Bros., Morrilton, $105,178.

Ark., Texarkana — Grading, curbing, sewers and 6 in. concrete paving 9,300 sq.yd. Paving Dist. 51, to McGuire & Cavender Clinic Bldg., Texarkana.

Tex., Denton — Curbing, guttering and paving 10,000 sq.yd. various streets, to Jagoe Constr. Co., Allen Bldg., Dallas, at $2.25 per sq.yd.

Tex., Ft. Worth — For 2½ in. vertical fibre brick paving, etc., West 7th St., Camp Bowie Blvd. from West 7th to Montgomery St., Camp Bowie Blvd. from Montgomery to Hillcrest Sts., and Camp Bowie Blvd. from Hillcrest to Sanquinett Sts., to Thurber Constr. Co., F. & M. Bank Bldg., $291,259, and 3 in. sheet asphalt paving, etc., 7 avenues, to Fuller Constr. Co., Fidelity Union Bldg., Dallas, $105,579.

Tex., Quanah—Brick on rein.-con. paving 10 blocks various streets, to E. K. Burkhart Constr. Co., Wichita Falls, $79,937. Engrs. est. $85,000. Noted Apr. 7.

Okla., Ada—For 4 in. rein.-con. resurfacing 21,000 sq.yd. Main St., to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $38,221. Engrs. est. $41,000. Noted May 5.

Constr. News page 321

Streets and Roads (Continued)

Utah—State Hy. Comn., Salt Lake City **(F. A. P. means Federal Aid Project)**, grading 0.04 mi. F. A. P. 73-B, Utah Co., to Strong & Grant, Springville, $11,596, 5.82 mi. F. A. P. 371-C, Ruck Co., to Walter Bros., Holcombe, Wis., $51,727, and 6.27 mi. F. A. P. 385-A, Barron Co., to Steeder & Manion, Excelsior, Minn., $81,265; grading 2.78 mi. F. A. P. 406-D, Douglas Co., and graveling 5.8 mi. F. A. P. 507-B, Burnett Co., to L. A. Bumgardner, St. Paul, Minn., $23,249 and $63,875 respectively. Grand total $231,712.

Washington—State Hy. Comn., Olympia, **(S. R. means State Road)**, grading, etc., 0.9 mi. S. R. 7, Vantage Hill, Grant Co., to Rumsey & Jordan, 335 Lumber Exch. Bldg., Seattle, $39,967, and 0.74 mi. S. R. 12, Pacific Co., to S. L. Dennis Constr. Co., Raymond, $7,978; crushed graveling 5.53 mi. S. R. 22, Lincoln Co., to F. G. Redmon, 206 South 4th Ave., Yakima, $14,755; concrete paving, etc., 2,000 sq.yd. S. R. 2, King Co., to Goetz & Brennan, 914 Seaboard Bldg., Seattle, $23,793, also 49,000 sq.yd. S. R. 3, Federal Aid Project 140-C, Columbia Co., and 11,283 sq.yd. same road, Benton Co., to Midstate Contg. Co., Box 33, Yakima, $128,951 and $29,401 respectively. Grand total $244,845. Noted Apr. 7.

Wash., Seattle—Bd. Pub. Wks., grading 47th Ave. S. et al., to Northwest Constr. Co., White Henry Stuart Bldg., $44,302; paving Market St. et al., to Odman Contg. Co., 2534 33rd Ave. S., $173,076.

Wash., Tacoma—Dept. Pub. Wks., 19,075 sq.yd. concrete paving, etc. North Lawrence St., to J. Warter, Tacoma, $54,890, engrs. est. $73,077; and 10,238 sq.yd. South 30th St., to S. A. Mocgri, Tacoma, $23,986, engrs. est. $30,866.

Wash., Wenatchee—Chelan Electric Co. Chelan Falls, constructing 10 mi. Lake Chelan Highway, to Stewart Johnson, Wenatchee.

Oregon—State Hy. Comn., Salem, constructing Meyers Creek-Chetco River Sect. (south unit) Roosevelt Highway, Curry Co., to Wren & Greenough, Worcester Bldg., Portland, $156,095; north unit same road, to J. W. and J. R. Hillstrom, Marshfield, $44,252; and 9.48 mi. Chalk Cliff-Paisley Sect. Prineville-Lakeview Highway, Lane Co., to J. Hampshire, Grants Pass, $27,390. Grand total $227,737.

Oregon—State Hy. Comn., Salem, grading 4.36 mi. Federal Aid Project 129-F, Tillamook Co., to G. F. Atkinson, Portland, $134,493; and 0.4 mi. Federal Aid Project 131-A, Jackson Co., to C. F. Rhodes, Medford, $13,501.

Ore., Portland — Multnomah Co., asphaltic concrete paving, etc. 50,000 sq.yd. Mt. Hood Loop-Columbia River Highway, to United Contg. Co., Stock Exch. Bldg., $67,600.

Calif., Anaheim—Curbing, guttering and 6 in. asphaltic concrete paving, etc. Chestnut, North and South Palm Sts., to S. Finley, 204 East 4th St., Santa Ana, $78,952. Noted Mar. 3.

Calif., Banning—T. Backus, city clk., curbing, walks, guttering and 5 in. concrete paving, etc. Hays St., etc., to H. H. Lineau, 826 Brookside Ave., Redlands, $40,065. Noted Apr. 14.

Calif., Dunsmuir—E. G. Hawkins, city clk., grading and 4 in. Willite asphaltic concrete paving, etc., Oak St., etc., to Pacific States Constr. Co., Call Bldg., San Francisco, $75,415. Noted Apr. 21.

Calif., Los Angeles—Grading, asphaltic concrete paving, etc., 5th St. between Flower and Boylston Sts., to Martter & Bock, 1250 South Gramercy Pl., $60,287; also grading and concrete paving, etc., Planada Ave. between Avenues 65 and 63, to Griffith Co., Railway Bldg., $61,876.

Calif., Los Angeles — Improving La Cienega Blvd., to Baker & Vigus, 582 I. W. Hellman Bldg., $58,401, engrs. est. $63,948; also 76th St., to G. H. Oswald, 366 East 58th St., $63,742, engrs. est. $70,033. Noted Mar. 17.

Calif., Los Angeles—Grading and 6 in. concrete paving, etc. 215,120 sq.ft. Gramercy Pl., to T. Liddington, 420 East 60th St., $48,415; grading, curbing, walks, concrete and asphaltic concrete paving, etc. Fletcher Dr. between San Fernando Rd. and Glendale Blvd., to Hanrahan Co., Standard Oil Bldg., San Francisco, $212,865; grading and 8 in. concrete paving 559,595 sq.ft. and 6 in. concrete paving 29,968 sq.ft. Florence Ave., to J. L. McClain, 3452 West Slauson Ave., $252,852; also 9 in. concrete paving 244,091 sq.ft., and 8 in. concrete paving 26,643 sq.ft. Central Ave., to J. P. Benson, 943 South Windsor Blvd., $78,066. Grand total $592,198. Noted Apr. 21, May 5 and 12.

Constr. News page 322

Calif., Los Gatos—Concrete paving, etc. University Ave., etc., to California Constr. Co., 58 2nd St., San Francisco, $63,435. Noted Feb. 17.

Calif., Mill Valley—W. Falley, town clk., asphaltic concrete paving, etc. Cottage and Eldridge Aves., to Pacific States Constr. Co., Call Bldg., San Francisco, $28,975. Noted Mar. 24.

Calif., Monterey—Concrete paving, etc. portions Martin St., etc., to J. L. Conner, Monterey, $28,235.

Calif., Mountain View—Grading and 4 in. Warrenite paving, etc. Bush St., etc., to Union Paving Co., Call Bldg., San Francisco, $117,865. Noted Apr. 28.

Calif., Oceanside — Grading, curbing, walks, etc. portions Clementine and Hill Sts., etc., to H. H. Lineau, 826 Brookside Ave., Redland, $34,325.

Calif., Pomona—Concrete paving, etc. 4th St. between Towne and Park Aves., to Fleming Constr. Co., 105 North Park St., approximately $26,000.

Calif., Salinas—Curbing and hydrated concrete paving, etc. Riker St. and Lincoln Ave., to W. A. Dontanville, Salinas, $32,275.

Calif., South Pasadena (Ind. br. Pasadena)—City Clerk, 100,000 sq.ft. 4 in. asphaltic concrete and approximately 25,500 sq.ft. concrete paving Oak Lawn Ave., to Hall-Johnson Co., 905 Westminster St., Alhambra, $36,193. Noted Apr. 28.

Ontario—Provincial Dept. of Highways, Ottawa, concrete paving 5.6 mi. Highway from Clinton northerly, 20 ft., to Boss & Brazier, Woodmen of the World Bldg., London. Engrs. est. $150,000.

Ont., Hamilton—City will pave with concrete James and Wellington Sts., by day labor, under supervision. W. L. McFaul, city engr.

Buildings—Commercial

Proposed Work

Mass., Boston — AUDITORIUM—Boston & Maine R.R. F. C. Shepherd, ch. constr. engr., North Station, plans auditorium, Causeway St. To exceed $140,000. Funk & Wilcox, 24 Pemberton Sq., archts.

Mass., Boston—CLUBHOUSE—Women's City Club, L. Muther, pres., 40 Beacon St., plans clubhouse, Beacon St. $150,000. R. P. Bellows, 8 Beacon St., archt.

Mass., Boston—DANCE HALL, STORE and OFFICE—B. C. Gallo & Co., archts. 43 Maverick Sq., East Boston, making sketches 3 story and basement, brick and steel, Day Sq., here. $150,000. Owner's name withheld.

Mass., Boston—THEATRE—Shubert Theatre, Tremont St., having sketches made by Schein & Levine, 448 Bway., Chelsea, altering and constructing 1 story and basement, brick and steel addition. $150,000.

Mass., Canton—BANK—J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, soon lets contract 1 story and basement, rein.-con., brick and limestone, plain foundation, Washington St., here, for Canton Institutions for Savings, c/o architects. $150,000.

Mass., Danvers—HOME—Commonwealth of Massachusetts, Dept. Mental Diseases, State House, Boston, plans attendants home, here. $150,000 or more. C. P. Hoyt, 8 Beacon St., Boston, archt.

Mass., Leominster — HOME — Kendall, Taylor & Co., archts., 142 Berkley St., soon lets contract 3 story and basement, brick and stone, plain foundation, for Leominster Hospital Assn., W. H. Cropper, pres. $150,000.

Mass., Malden (Boston P. O.)—COMMUNITY—City, c/o C. F. Springall, archt., 84 Sprague St., having revised plans prepared 2 story and basement, brick, Oak Grove Sq. $150,000. Noted Oct. 21.

Mass., Medford (br. Boston)—APARTMENT—P. L. Farrell, 302 Boston Ave., having plans prepared by C. F. Springall, 84 Sprague St., Malden, 3 story and basement, 70 x 110 ft., brick and stone, plain foundation, Boston Ave. $150,000.

Mass., Northampton—WARD—Commonwealth of Massachusetts, Dept. Mental Diseases, State House, Boston, having plans prepared by G. Robb, 14 Beacon St., Boston, ward building, here. $200,000.

Mass., South Hadley—TOWN HALL and HIGH SCHOOL—Town, c/o W. B. Reid, archt., 136 Washington St., Springfield, having preliminary plans prepared 1 and 2 story and basement, brick and stone addition. $150,000 or more.

Conn., Bristol—APARTMENT—S. Josolowitz, 50 Grove St., had plans prepared 3 story, 68 x 140 ft., brick and steel, Main St. $150,000. Private plans.

Conn., East Haven (br. New Haven)—TOWN HALL—Town, W. H. Goodrich, chn. building com., having plans prepared by D. Orr, 926 Chapel St., New Haven, brick and steel town hall. $175,000.

N. Y., Binghamton—STAFF ACCOMMODATIONS—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, staff accommodations for Binghamton State Hospital, here. S. W. Jones, Capitol, Albany, state archt. Noted Feb. 10.

N. Y., Brooklyn—STORE and OFFICE—J. Ellman, c/o A. Brooks, archt., 26 Court St., had plans prepared 2 story, brick and steel, plain foundation, East 32nd St. between Flatbush Ave. at Avenue H. $175,000.

N. Y., Helmuth—FARM DORMITORY—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, Farm Dormitory, at Gowanda State Hospital, here. S. W. Jones, Capitol, Albany, state archt. Noted Feb. 10.

N. Y., Jamaica—BANK and OFFICE—Natl. Tile Guaranty Co., Inc., 174 Montague St., Brooklyn, takes bids about June 10, 10 story and basement, brick, steel and stone, plain foundation, Jamaica Ave. near Washington St., here. $400,000. Shampan & Shampan, 188 Montague St., Brooklyn, archts.

N. Y., Marcy—HOSPITAL—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, additions to Utica State Hospital, Marcy Div., here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31.

N. Y., Mt. Kisco—THEATRE—Corporation, c/o H. Sussman, Pleasantville, having plans prepared by H. L. Smith, 100 East 42nd St., New York City, brick, steel and stone, plain foundation, here. $200,000.

N. Y., New York — APARTMENT — Washington Square Apartments, Inc., T. K. Garry, pres., c/o T. W. Lamb, archt., 644 8th Ave., having plans prepared 16 story, 47 x 104 ft., brick and steel, plain foundation, 71-72 Washington Sq. S. $500,000.

N. Y., New York — APARTMENT — J. Tishman, 285 Madison Ave., having plans prepared by Schwartz & Gross, 347 5th Ave. 15 story, brick, steel and stone, plain foundation, 57th St. between 1st Ave. and Sutton Pl.

N. Y., New York — DINING ROOM, BATH BUILDING, etc.—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, new dining room, continuous bath building, exit facilities and fire stops, for Manhattan State Hospital, Wards' Island, here. S. W. Jones, Capitol, Albany, state archt.

N. Y., New York — LOFT — Kostein Realty Corp., c/o L. H. Manson & Co., 12 East 41st St., having plans prepared by Shampan & Shampan, 188 Montague St., Brooklyn, and takes bids about June 15, 12 story and basement, 60 x 100 ft., brick and steel, plain foundation, 214 West 30th St. $450,000.

N. Y., Ogdensburg—CITY HALL—City, D. J. Chrichton, clk., soon takes bids 3 and 1 story, 68 x 112 ft., steel and stone, city hall. $200,000. Former bids rejected.

N. Y., Thiells—DORMITORIES—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, adult male dormitories, attendants home, service building, underground connections, also completing laundry and storehouse at Letchworth Village, here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31.

N. Y., Troy — MASONIC TEMPLE — Masonic Temple, Z. C. Lewis, member, 1509 Peoples Ave., having plans prepared by Milliman & Morgan, Troy, 4 story, brick, steel and concrete, on 75 x 130 ft., site, 3rd St. $300,000. Noted Oct. 16, 1924.

N. Y., Wassaic—INSTITUTION—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, 40 new buildings for Wassaic State School for Mental Defectives, here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31.

N. Y., Wingdale—STAFF ACCOMMODATIONS—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, staff accommodations, at Harlem Valley State Hospital, here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31.

N. J., Bayonne — FIRE HOUSE — Fire Dept., Municipal Bldg., having plans prepared by L. Quien, 229 Broad St., Elizabeth, and H. Adelman, 494 Bway., three 1 story and basement, 50 x 60 ft. rein.-con., brick and timber, plain foundations. $150,000.

Steam heating, boilers, brick, flooring, roofing, pipe and waterproofing, etc.

N. J., East Orange — APARTMENT — Owner, c/o D. Scorcco, archt., 60 Park Pl., Newark, having plans prepared 4 story, 85 x 160 ft., brick and steel, plain foundation, 4th Ave. and North Parkway, here. $250,000.

Buildings—Commercial (Continued)

N. J., Irvington (br. Newark)—APARTMENT—B. Kantorowitz, c/o L. P. Greenberg, archt., 156 Market St., Newark, having plans prepared 4 story, brick and timber, plain foundation, 50-54 Elmwood Ave., here. $150,000.

N. J., Jersey City—APARTMENT—N. Matter, 1902 Boulevard Junction, having sketches made 4 story, 130 x 150 ft., brick and steel, plain foundation, 11 Tonnelle Ave. $250,000. Private plans.

N. J., Jersey City—GARAGE and SHOW ROOM—J. Begtrub, 3468 Hudson Blvd., soon lets contract 3 story, 50 x 90 ft., rein.-con., brick and steel, Hudson Blvd. and Charles St. $150,000. W. Neuman, 40 Journal Sq. Bldg., archt.

N. J., Kearny (Sta. Arlington)—APARTMENT—J. and J. Barba, c/o E. V. Warren, archt., Essex Bldg., Newark, having plans prepared 3 story, brick, plain foundation, Devon St. $150,000.

N. J., Kearny (Sta. Arlington)—APARTMENT — Homebilt Constr. Co., c/o W. Friedberg, archt., 156 Market St., Newark, having plans prepared 3 story, brick and steel, plain foundation, 426-432 Beach St. $150,000.

N. J., Newark — APARTMENT — Longworth Realty Co., 23 Longworth St., having preliminary plans prepared 5 story, 50 x 100 ft. brick, plain foundation, High and Longworth Sts. $150,000. Private plans.

N. J., Newark — APARTMENT — Atlas Realty & Constr. Co., 38 Ferry St., having plans prepared by N. Siegler, 164 Market St., 4 story, brick and steel, plain foundation, Chancellor Ave. $150,000.

N. J., Newark—APARTMENT—E. and M. Land Co., c/o E. Gerber, archt., 786 Broad St., having plans prepared 5 story, brick and steel, plain foundation, 469 Elizabeth St. $200,000.

N. J., Newark—APARTMENT—E and M Land Co., c/o E. Gerber, archt., 786 Broad St., having plans prepared 5 story, brick and timber, plain foundation, 12 Custer Pl. $150,000.

N. J., Newark—APARTMENT—J. Shipmener, c/o N. B. Silberstein, archt., 964 Broad St., having plans prepared 4 story, brick and steel, plain foundation, 312-14 Clinton Pl. $150,000.

N. J., Newark—APARTMENTS—Testa Bros., 52 Allen Ave., Irvington, having plans prepared by J. B. Ococella, 31 Clinton St., three 3 story, brick and timber, plain foundations, 14-16-18 Linden Ave., here. $150,000.

N. J., Newark — CLUBHOUSE, THEATRE and STORE — Steuben Society of Newark, Inc., c/o F. H. Koenigsberger, archt., 48 Walnut St., had preliminary plans prepared 2 story, 130 x 160 ft., brick and steel, plain foundation. $800,000.

N. J., Newark — HOSPITAL — Presbyterian Hospital, 25 South 9th St., having preliminary plans prepared by Sutton, Sutton & Calkins, 402 Broad St., 6 story, brick and steel, concrete pile foundation, 9th Ave. and 9th St. $500,000. Noted May 27, 1926.

N. J., Newark—HOSPITAL—B and R Holding Co., 59 Avon Ave., having plans prepared by J. S. Pigott, 14 Park Pl., altering and constructing 3 story, brick and steel addition, plain foundation, Avon Ave. and Stratford Pl. $150,000.

N. J., Newark—STORE and OFFICE—C. E. Cameron, c/o W. W. Oppenheim, Inc., lessee, 657 Broad St., having preliminary plans prepared by F. Kern, 665 Broad St., 4 story, 40 x 185 ft., rein.-con., brick and steel, concrete pile foundation, 657-9 Broad St. $150,000.

N. J., New Brunswick—BANK, OFFICE and STORE — Citizens Natl. Bank, 362 George St., having revised plans prepared by H. Bach, 63 Schureman St., and M. Boylan, 143 Albany St., 2 story, 50 x 150 ft., brick and steel, plain foundation, Bayard and George Sts. $150,000. Noted Feb. 3.

N. J., Paterson—HOSPITAL—Fanning & Shaw, archts., 49 Ward St., soon takes bids general contract 3 story, brick and steel, plain foundation; Main St., here, for St. Josephs Hospital, 703 Main St. $150,000.

N. J., Red Bank — APARTMENT — H. McDonald, 48 Deal Esplanade, Deal, having sketches made 5 story, 150 x 170 ft., brick and steel, plain foundation, Pinckney Rd. and Broad St., here. $200,000. Private plans.

N. J., Summit—APARTMENTS—Summit Realty Co., Inc., c/o F. Pirrone, archt., Midland Ave., Garfield, having plans prepared two 3 story, brick and timber, plain foundations, Summit and Euclid Aves., here. $250,000.

N. J., Teaneck—APARTMENT—Owner c/o G. Pollard, archt., 250 West 14th St., New York City, having plans prepared 4 story, brick and steel, plain foundation, here. $200,000.

N. J., Trenton — MOSQUE — Crescent Temple, Nobles of Mystic Shrine, A. K. Leuckel, 316 Hamilton Ave., plans mosque, North Clinton Ave. $300,000. Engineer and architect not selected.

Pa., Phila.—THEATRE and OFFICE—Fox Theatres Corp., 850 10th Ave., New York City, having preliminary plans prepared by C. Howard Crane, 345 Madison Ave., New York City, 20 story and basement, rein.-con., brick and steel, plain foundation, 17th and Market Sts., here.

D. C., Wash. — AUDITORIUM — Daughters of Amer. Revolution, 17th and D Sts. N. W., having plans prepared by J. R. Pope, 542 5th Ave., New York City, auditorium building, 18th and E Sts. $1,875,000.

D. C., Wash. — BANK and OFFICE — March & Peter, 1302 F St. N. W., and A. B. Mullett & Co., Union Trust Bldg., 15th and H Sts. N. W., associated archts., soon take bids general contract 9 story, 40 x 150 ft., granite and brick addition, 1502-04 H St. N. W., for Union Trust Co., 15th and H Sts. $500,000. Noted Feb. 17.

D. C., Wash.—MASONIC CATHEDRAL—Grand Lodge F. A. A. M., 13th and New York Aves. N. W., plans masonic cathedral, 20th St., Connecticut and Florida Aves. $5,000,000.

Ga., Canton—COURT HOUSE—Cherokee Co. having plans prepared by A. Ten Eyck Brown, 717 Forsyth Bldg., Atlanta, terra cotta or granite court house. $150,000.

Miss., Jackson—APARTMENT HOTEL—Bellevue-State Apartment Hotel Co., c/o E. J. Hull, archt., 211-217 Merchants Bank Bldg., had plans prepared and soon takes bids 7 story and roof garden, rein.-con., brick, steel and stone, State and Bellevue Sts. $300,000. Noted Apr. 14.

O., Cincinnati—HOSPITAL and NURSES HOME—Christ Hospital, Auburn Ave., having plans prepared by Tietig & Lee, 34 West 6th St., hospital $1,000,000, and nurses home $500,000, each 7 story and basement, brick and rein.-con., plain foundations, Auburn Ave.

O., Cleveland — STORE, APARTMENT and THEATRE — Midwest Properties Co., c/o A. Greenwald & S. H. Stecker, 307 Union Bldg., takes bids about May 25, 1 and 2 story, 118 x 220 ft., brick, steel and concrete, Lorain Ave. and West 118th St. $350,000. N. Petti, Williamson Bldg., archt. Noted May 12.

O., Cleveland — STORE, APARTMENT and THEATRE—M. B. Horwitz, of Washington Theatre Circuit, 204 Film Exch. Bldg., having plans prepared by Morris & Weinberg, 3608 Euclid Ave., 2 story and basement, brick, steel and concrete, East 84th St. and Hough Ave. $250,000.

O., Dayton—APARTMENT and STORE—Federation Realty Co., G. A. Bennett, secy.-treas., Callahan Bank Bldg., plans 2 story and basement, 120 x 156 ft., brick and rein.-con., plain foundation, 1935 North Main St. $250,000.

Ind., Anderson—LODGE—Masonic Blue Lodges, A. V. Resclear, in charge, plans 4 story, 72 x 140 ft., rein.-con. plain foundation, incl. dining hall, 1,000 seating capacity and auditorium, 10th and Delaware Sts. $275,000.

Mich., Halfway (Mt. Clemens P. O.) — THEATRE—Olympic Amusement Co., c/o J. Kasurin, archt., 502 Empire Bldg., Detroit, having plans prepared 2 story, 1,200 seating capacity, rein.-con., brick, steel and stone, plain foundation, Gratiot Ave., here. $150,000.

Ill., Chicago—APARTMENT—B. L. Steif & Co., archts., 307 North Michigan Ave., prepared plans and soon take bids, 16 story and basement, 87 x 100 ft., rein.-con., brick and terra cotta, Elm and North State Sts., for S. Cole, 307 North Michigan Ave. $2,000,000. Noted Nov. 11.

Ill., Chicago—APARTMENT—Rissman & Hirschfeld, archts. 84 West Randolph St., soon lets contract 17 story and basement, 110 x 200 ft., fireproof, Chestnut and De Witt Sts., for Chestnut Building Corp., c/o architects. $3,250,000.

Ill., Chicago—STORE—G. C. Nimmons & Co., archts., 122 South Michigan Ave., preparing plans and soon take bids 3 story and basement, 131 x 200 ft., rein.-con. and brick, 62nd St. and Western Ave., for Sears, Roebuck & Co., Arthington and Homan Sts. $500,000.

Wis., Antigo—HOSPITAL—Langlade Co. Memorial Hospital Assn., c/o R. C. Sempsey, plans rein.-con., brick and steel, plain foundation. $150,000. Engineer and architect not selected.

Wis., Milwaukee — APARTMENT HOTEL—Goodman Holding Co. having plans prepared by Baches & Uthus, 216 West Water St., 6 story and basement, 120 x 151 ft., brick, plain foundation, 15th and Wisconsin Sts. $450,000.

Wis., Waukesha—HOTEL—C. W. Nicol, archt., 310 South Michigan Ave., Chicago, Ill., soon takes bids 5 story and basement, 94 x 110 ft., rein.-con., brick and stone, Park Pl., here, for Waukesha Community Hotel Co., 217 Harrison Ave. $250,000. Noted Dec. 16.

Mo., Kansas City—EXCHANGE—Southwestern Bell Telephone Co., 11th and Oak Sts., having plans prepared by Holt, Price & Barnes, Davidson Bldg., 13 story, 96 x 126 ft., steel top addition, 11th and Oak Sts. $750,000. Noted Oct. 21.

Mo., Kansas City — OFFICE — Southwestern Bell Telephone Co., 11th and Pine Sts., St. Louis, having plans prepared by H. R. Timlin, 11th and Pine Sts., St. Louis, 13 story, rein.-con., brick, steel and terra cotta top addition to building, 14th St., here.

Mo., Springfield—OFFICE—Building Co., c/o F. T. H. Doubler, chn. comr., 841 Normal St., plans 6 story and basement office building. $200,000. Engineer and architect not selected.

Mo., St. Louis—APARTMENT—A. H. Winkelmeyer, 2602 South Grand Blvd., takes bids about Aug. 1, 7 story and basement, rein.-con., brick and stone, Grand and Sidney Sts. $350,000. J. L. Bowling, Arcade Bldg., archt. Noted May 5.

Mo., St. Louis—HOSPITAL—Evangelical Deaconess Home and Hospital, 4215 West Belle Pl., J. P. Jens, supt., 4137 West Belle Pl., takes bids in late summer, 4 and 6 story and basement, rein.-con., brick and stone, Oakland Ave. and Clayton Rd. $800,000.—T. P. Barnett Co., Arcade Bldg., archts. Noted Apr. 14.

Mo., St. Louis—HOTEL—A. E. Lewis, c/o Lewis Realty Co., 4919 Natural Bridge Ave., soon takes bids 8 story and basement, 150 x 170 ft., rein.-con., brick and stone, Spring St. and Natural Bridge Ave. $750,000.

Mo., St. Louis—Y. M. C. A., c/o 1526 Locust Blvd. making preliminary plans 4 story and basement, 127 x 206 ft., rein.-con., brick and stone, incl. gymnasium, auditorium and swimming pool, Union and Raymond Sts. $400,000.

Tex., Corpus Christi—HOTEL—W. Foster & J. Saunders, soon take bids Princess Louise Hotel 6 story and part basement, 90 x 103 ft., fireproof. $150,000. Hardy & Curran, Corpus Christi, archts.

Tex., Laredo—HOTEL—L. L. Stephenson, 119 Summit Ave., San Antonio, purchased Hamilton Hotel and plans 3 story top addition to present 7 story building, and 12 story and basement annex, rein.-con. and brick, plain foundation, here. $300,000. Engineer and architect selected soon.

Tex., Levelland—COURTHOUSE—Hockley Co., c/o D. L. MaGee, judge, having plans prepared by Butler Co., c/o I. Wilson Bldg., Lubbock, 3 story, rein.-con. and brick, plain foundation. $150,000. Noted May 12.

Tex., Midland — HOTEL — C. Schrabuer had preliminary plans prepared by D. S. Castle, 701 Alexander Bldg., Abilene, 5 story and part basement, 100 x 140 ft., brick, stone and rein.-con. hotel. $250,000.

Tex., San Angelo — AUDITORIUM and CITY HALL—Election June 4, $250,000 bonds, probably 4 story auditorium and city hall. $250,000. Address E. V. Spence, mayor.

Tex., San Antonio—HOME and OFFICE—Salvation Army, c/o 311 Ave. F., having plans prepared by A. B. and R. M. Ayres, 626 Bedell Bldg., 6 story and basement, 61 x 63 ft., rein.-con. and brick, plain foundation, North Presa and College Sts. $150,000.

Tex., San Antonio—HOTEL or OFFICE—W. J. Lytle, c/o Texas Theatre, plans hotel or office in rear Texas Theatre, Travis St. between St. Marys St. and San Antonio River. $1,000,000. Roller Bros., 114 West 10th St., Kansas City, Mo., archts.

Tex., San Antonio—OFFICE—Navarro Investment Co., c/o J. A. Walker, Builders Exch. Bldg., plans probably 14 story, office building, Pecan and Navarro Sts. $1,000,000. Private plans.

Tex., Sinton—COURTHOUSE and JAIL—San Patricio Co., c/o J. C. Russell, judge, had plans prepared by H. T. Phelps, Hicks Bldg., San Antonio, and takes bids about May 22, 2 story and part basement courthouse, and 1 story jail on roof main building, both rein.-con. steel and brick. $150,000.

Okla., Blackwell—OFFICE—C. Kennedy having preliminary plans prepared by Smith & Senter, 401 Commerce Investment Bldg., Okmulgee, 5 story and basement, 75

Constr. News page 323

Buildings—Commercial (Continued)

x 140 ft., rein.-con. and brick, plain foundation, Padon St. $175,000.

Okla., Bristow — LODGE — I. O. O. F. Lodge having preliminary plans prepared 3 story and basement, 50 x 140 ft., brick and rein.-con., plain foundation, 7th St. $175,000. Engineer and architect not selected.

Okla., Tulsa—BUSINESS—Commercial Investment Co., c/o N. B. Fleming, archt., 508 Orpheum Bldg., having plans prepared 7 story (ultimately 10 story), 50 x 140 ft., rein.-con. and terra cotta, here. Homer, Wyatt & Rhodes, 468 Board Trade Bldg., Kansas City, Mo., engrs.

Okla., Tulsa—HOSPITAL—M. J. McNulty, 1232 South Utica St., having plans prepared by P. W. Redlick, Stillwater, 4 story and basement, 100 x 140 ft., rein.-con., brick and stone, 12th St. $320,000.

Wash., Bellingham—LODGE—Knights of Pythias having plans prepared by T. F. Doan, Bellingham, 7 story and basement lodge, apartments, etc., Forest and Holly Sts. $180,000.

Calif., Albany—HOSPITAL—K. Schroer & E. Kosterlitz, c/o W. D. Peugh, archt., 315 Montgomery St., San Francisco, had plans prepared 3 story and basement, rein.-con., Marin Ave. $150,000.

Calif., Long Beach—HOTEL-APARTMENT—H. W. King, Orange, plans 12 story and basement, fireproof, on 110 x 350 ft. site, Ocean Ave. Engineer and architect not selected.

Calif., Los Angeles—APARTMENT—Anchor Mortgage Co., Inc., 2514 South Figueroa St., had plans prepared by J. Chiodo, designer, 2514 South Figueroa St., 4 story and basement, brick, Council St. Ave. $150,000.

Calif., Los Angeles—APARTMENT—E. Rosenthal, 418 South Normandie Ave., had plans prepared by S. Brown, New Orpheum Bldg., 5 story and basement, concrete, South Normandie Ave. $200,000.

Calif., Los Angeles—APARTMENT—M. Royer, c/o R. D. King, archt., Van Nuys Bldg., had plans prepared 4 story and basement, 95 x 125 ft., brick, incl. laundry quarters, Western Ave. and Cambridge St. $150,000.

Calif., Los Angeles—BANK and OFFICE—Citizens Trust & Savings Bank, 736 South Hill St., plans 12 story, fireproof, 8th St. and Grand Ave. To exceed $500,000.

Calif., Los Angeles—HOTEL—H. J. Latimer, et al, 1021 West 7th St., plans 1,000 room hotel on 3½ in. acre site, West 7th St. near Garland St.

Calif., Los Angeles — OFFICE — Sun Realty Co., 742 South Hill St., having plans prepared by Curlett & Beelman, Union Bank Bldg., 12 story and basement, 80 x 137 ft., 7th and Hope Sts.

Calif., Redlands — THEATRE, STORE and OFFICE—West Coast Jr. Circuit, H. M. Sugarman, pres. and genl. mgr. having revised plans prepared by L. A. Smith, Film Exch. Bldg., Los Angeles, 2 story, 165 x 170 ft., rein.-con., Cajon and Vine Sts. $200,000

Calif., Riverside — THEATRE — E. M. Frazier, 2401 West 6th St., plans probably rein.-con. theatre. $200,000 or more.

Calif., Riverside—THEATRE, STORE and OFFICE—Universal Chain Theatrical Enterprises, Inc., having plans prepared by E. M. Frasier, 318 West 9th St., Los Angeles, rein.-con. theatre, 1,800 seating capacity, and store and office building, Main St. $400,000.

Calif., San Francisco—APARTMENT—Marian Realty Co., c/o H. C. Baumann, archt., 251 Kearney St., had plans prepared 6 story and basement, concrete and steel, Gough and California Sts. $250,000.

Calif., San Francisco—APARTMENT—C. Fantoni, owner and archt., 550 Montgomery St., preparing plans 5 story and basement, rein.-con., Bay St. and Bway. $150,000.

Calif., San Francisco—SANITARIUM—G. A. Applegarth, archt., Claus Spreckels Bldg., soon takes bids 3 and 4 story, rein.-con., Bway. near Van Ness Ave., for Dante Sanitarium, Bway. and Van Ness Ave. $350,000. Noted Nov. 18.

Calif., Santa Barbara—HOSPITAL—Cottage Hospital having plans prepared by C. M. Winslow, 921 Van Nuys Bldg., Los Angeles, altering and constructing 3 story addition to present main building, etc. $225,000.

Calif., Watsonville — MAUSOLEUM — Memorial Mausoleum Assn., 412 Lettunich Bldg., having plans prepared by B. J. S. Cahill, 357 12th St., Oakland, rein.-con., marble and granite mausoleum. $150,000.

Calif., Woodland—HOTEL—Weeks Investment Co., 369 Pine St., San Francisco, having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, probably 4 story and basement, rein.-con., Main and College Sts. $250,000.

B. C., Kamloops — HOTEL — Kamloops Community Hotel Co. having sketches made by E. T. Brown, Kamloops, 3 story, 60 room, semi-fireproof, Victoria St. and 4th Ave. $150,000.

Bids Desired

Mass., Lynn — STORE and APARTMENT — See "Contracts Awarded."

Mass., Medford (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Northampton—HOSPITAL—State of Massachusetts, Dept. of Mental Diseases, State House, Boston, taking bids rein.-con., brick and steel nurses home and ward building. $325,000. G. Robb, 14 Beacon St., Boston, archt.

Mass., Somerset—MUNICIPAL—Town, F. L. Hanson, chn. com., taking bids 2 story and basement, brick and stone, plain foundation, Wood St. $150,000. E. M. Corbett, 70 Bedford St., Fall River, archt.

R. I., Kingston—ENGINEERING—June 6, by W. E. Ranger, pres. Bd. Managers Rhode Island State College, Providence, engineering building, here. Bigelow, Kent, Willard & Co., Inc., Park Sq. Bldg., Boston, engrs.; adv. E. N.-R. May 19.

R. I., Providence—STORAGE WAREHOUSE—Owner, c/o Desmond & Lord, archts., 1 Beacon St., Boston, Mass., taking bids 4 story, rein.-con. and brick, plain foundation, Dudley St. $150,000 or more.

Conn., Hartford — APARTMENT—See "Contracts Awarded."

N. Y., Syracuse — THEATRE and OFFICE—See "Contracts Awarded."

N. J., Bloomfield — APARTMENT — See "Contracts Awarded."

N. J., Deal—APARTMENT—See "Contracts Awarded."

N. J., Irvington (br. Newark)—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Kearny (Sta. Arlington)—APARTMENT—Wilkinson & Solomon, 51 Halstead St., taking bids general contract 3 story, 75 x 104 ft., brick, plain foundation, Belgrove Dr. and Harding Terrace. $150,000. E. V. Warren, Essex Bldg., Newark, archt. Noted Apr. 28.

N. J., Maplewood (br. South Orange)—APARTMENT and STORE—J. Pfarr, 417 Clinton Pl., Newark, and F. H. Koenigsberger, archt., 48 Walnut St., Newark, taking subbids 3 story, 60 x 100 ft., brick and steel plain foundation, Maplewood Ave., here. $150,000.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., New Brunswick — OFFICE — A. Merchant, archt., 52 Patterson St., taking bids general contract 3 story and basement, 35 x 85 ft., brick and steel, plain foundation, Church St., for J. A. O'Connell, 392 George St. $150,000.

N. J., Weehawken—APARTMENT—See "Contracts Awarded."

N. J., West New York—APARTMENT and STORE—See "Contracts Awarded."

Pa., Quakertown—HOSPITAL—May 24, by Quakertown Assn., H. G. Kiettleman, pres., 3 story and basement, 40 x 140 ft., rein.-con. and brick, plain foundation, 11th and Park Sts. Ballinger Co., 12th and Chestnut Sts., archts.

Pa., Uniontown—COURT HOUSE—May 31, by Controller Fayette Co., Court House, remodeling and constructing 4 story and basement, brick, stone and steel addition. Main St. $500,000. E. R. Johnson, Uniontown, archt. Noted Apr. 28.

Md., Baltimore — WAREHOUSE — See "Contracts Awarded."

Va., Newport News—HOTEL—May 24, by Peebles & Ferguson, archts., Norfolk, 7 story and basement, 50 x 82 ft., rein.-con., brick, steel, stone, and terra cotta, plain foundation, here, for Hotel Warwick Co., c/o architects. $350,000.

Ind., Ft. Wayne — HOSPITAL and NURSES HOME — May 23, by Lutheran Church, P. Wambgauss, pres., 4 story and basement, 50 x 175 ft., rein.-con., brick and steel hospital and nurses home. $300,000. J. M. E. Reidel, 305 Noll Bldg., archt. Noted Apr. 28.

Ind., Ft. Wayne—HOSPITAL—May 27, by Comrs. Allen Co., isolation hospital. $150,000. M. S. Mahurin, Ft. Wayne, archt.

Mich., Flint—OFFICE and EXCHANGE—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., Detroit, taking bids and open same about May 25, 3 story and basement, 91 x 154 ft., rein.-con., brick and steel, plain foundation, Beach St., here, for Michigan Bell Telephone Co., Cass Ave., Detroit. Noted Mar. 24.

Ill., Chester—HOSPITAL—May 31 (extended date), by Chester State Hospital, c/o Dept. Purchase & Contr., Springfield, L. Small, dir., 3 story rein.-con., brick and stone prison hospital, here. $185,000. W. J. Lindstrom, engr., and J. A. Nyden, archts. both 608 South Dearborn St., Chicago. Noted Apr. 21.

Ill., Chicago—APARTMENT—T. Joranson, 160 North La Salle St., taking bids 3 story and basement, 97 x 125 ft., brick and stone, 80th St. and Evans Ave. $175,000. C. S. Archer, 6222 Cottage Grove Ave., archts.

Mo., Kansas City — APARTMENT HOTEL—See "Contracts Awarded."

Mo., St. Charles—HOTEL—St. Charles Hotel Co. taking bids and opens same about May 16, 4 story and basement, 70 x 115 ft., rein.-con., brick and terra cotta, 2nd and Washington Sts. $150,000. Mansker & Bartling, 410 North Euclid Ave., St. Louis, archts. Noted Mar. 31.

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Mo., St. Louis—GARAGE—W. J. Knight & Co., engrs. and archts., Wainwright Bldg., taking bids and open same about May 16, 6 story and basement, rein.-con., 13th and St. Charles Sts., for William King & Associates, 117 South Bway. $500,000.

Wash., Bremerton — EXCHANGE—June 30, by Pacific Telephone & Telegraph Co., 2 story and basement, 45 x 50 ft., pressed brick and terra cotta, 4th and Pacific Sts. $155,000. Private plans.

Calif., Los Angeles—HOTEL—See "Contracts Awarded."

Calif., Oakland—APARTMENT—C. N. Burrell, archt., Amer. Bank Bldg., taking bids 6 story and basement, 100 room, brick and steel, Telegraph Ave. $150,000. Owner's name withheld. Noted May 5.

Calif., San Diego — OFFICE — L. A. Smith, archt., Film Exch. Bldg., Los Angeles, taking bids 12 story and basement, rein.-con. brick and terra cotta, area bounded by B, C, 4th and 5th Sts., for Munday & Black, et al., c/o architect. $750,000 or more. Noted Apr. 28.

Calif., San Jose—PUBLISHING—Binder & Curtis, archts., 35 West San Carlos St., taking bids 4 story and basement, rein.-con., West Santa Clara St., for San Jose Mercury-Herald. $150,000.

Contracts Awarded

Mass., Clinton—APARTMENT—Philbin Bros., 24 Wilson St., 3 story and basement, brick, plain foundation, 20 High St. to J. McMahon, Chase St. Archts. est. $150,000. Noted Apr. 28.

Mass., Hull—CASINO and CLUBHOUSE—Colonial Casino Corp., 43 State St., Boston, 2 story, 125 x 245 ft., brick, to W. R. McNulty, Central St., Hingham. Noted Feb. 17.

Mass., Lynn—STORE and APARTMENT—D. Gulazian, 294 Washington St., will build 3 story and basement, brick and stone, plain foundation, Union St. $150,000. Work will be done by separate contracts. B. E. Porter, 73 Tremont St., Boston, archt. Noted May 5.

Mass., Malden (br. Boston)—STORE and OFFICE — Clifford Real Estate Co., 348 Main St., 4 story and basement, brick and stone, plain foundation, South Main St. corner Exchange St., to W. M. Bailey Co., 88 Broad St., Boston. Archts. est. $150,000. Noted Feb. 17.

Mass., Medford (br. Boston)—APARTMENT—P. L. Farrell, 302 Boston Ave., will build 3 story and basement, 70 x 110 ft., brick and stone, plain foundation, Boston Ave. $150,000. Work will be done by separate contracts. C. F. Springall, 84 Sprague St., Malden, archt.

Mass., Plymouth—STORE—Green Bros., 2185 Washington St., Roxbury, 2 and 3 story and basement, brick, plain foundation, to Shawmut Constr. Co., Old South Bldg., Boston. Archts. est. $150,000. Noted Apr. 28.

Mass., Stoughton — THEATRE and STORE—E. Ansin, 333 Washington St., Boston, 1 and 2 story and basement, 60 x 130 ft., brick and steel, plain foundation, here, to J. P. Curley, 180 Dudley St., Roxbury. Archts. est. $160,000. Noted Apr. 28.

Conn., Hartford—APARTMENT—Shor & Bronstein, 752 Asylum Ave., will build 3 story, 75 x 100 ft., brick and steel, Wethersfield Ave. $150,000. Work will be done by separate contracts. Berenson & Moses, 30 Allyn St., archts. Noted May 12.

Conn., Hartford — OFFICE — Travelers Insurance Co. 700 Main St., brick, steel and

Constr News page 324

Buildings—Commercial (Continued)

stone, Central Row, to Marc Eidlitz, 414 East 42nd St., New York City.

Conn., Hartford — THEATRE — Arcade Realty Co., c/o E. T. Wiley, archt., 75 Pratt St., brick, steel and rein.-con., 1,000 seating capacity, State St., to G. Cudemo & Southern New England Constr. Co., 68 Temple St., Archts. est. $150,000. Noted Dec. 16.

N. Y., Brooklyn — WAREHOUSE and SHOWROOM—L. Kirt & Son, 953 Flatbush Ave., 5 story, rein.-con., 953 Flatbush Ave., to T. Brysdale, Inc., 248 Baltic St. Archts. est. $225,000.

N. Y., New York—CLUB—Studio Club of New York, 501 West 50th St., 8 story and basement, 60 x 100 ft., brick, steel and stone, plain foundation, 208 East 77th St., to Dall, Hayden & Treat, Inc., 70 East 45th St. Archts. est. $300,000.

N. Y., New York—WAREHOUSE—Day & Myer, Murray & Young, Inc., 305 East 61st St., 15 story and basement, 75 x 100 ft., rein.-con. and brick, plain foundation, 1166 2nd Ave., to C. L. Person Co., 48 East 41st St. Archts. est. $700,000. Noted Mar. 3.

N. Y., Syracuse — THEATRE and OFFICE—Loews, Inc., 1560 Bway., New York city, will build brick and steel, plain foundation, South Salina and Jefferson Sts., here. $2,000,000. Work will be done by separate contracts. T. W. Lamb, 644 8th Ave., New York City, archt. Noted Jan. 6.

N. J., Bloomfield—APARTMENT—Clermont Building Co., 327 Renner Ave., Newark, will build 4 story, brick and timber, plain foundation, Monroe Pl., here. $150,000. Work will be done by separate contracts. Warren & Warren, 31 Clinton St., Newark, archts.

N. J., Deal — APARTMENT — F. Bock, Avon, will build 3 story, brick and steel, plain foundation, 566 Roseld Ave., here. $150,000. Work will be done by separate contracts. W. E. Lehman, 972 Broad St., Newark, archt.

N. J., Hackensack — STORE — F. W. Woolworth Co., Woolworth Bldg., New York City, general contract 1 story, 45 x 146 ft., rein.-con., brick and steel, plain foundation, Main St., here, to J. W. Ferguson & Co., Inc., 152 Market St., Paterson. Archts. est. $150,000.

N. J., Irvington (br. Newark)—APARTMENT—Franklin & Rothberg, 345 Clinton Pl., Newark, will build 4 story, 50 x 100 ft., brick and steel, plain foundation, 493-5 Stuyvesant Ave. $150,000. Work will be done by separate contracts.

N. J., Irvington (br. Newark)—APARTMENT—J. Horn, 32 Harrison Pl., will build 5 story, 100 x 102 ft., brick and steel, plain foundation, 9-17 34th St. $180,000. Work will be done by separate contracts. R. Bottelli, 207 Market St., Newark, archt.

N. J., Irvington (mail Newark) — APARTMENT — Silador & Sirota, 1060 Broad St., Newark, will build 4 story, 85 x 154 ft., brick and steel, plain foundation, 396 Union Ave. $150,000. Work will be done by separate contracts. R. Kreuger, 60 Branford Pl., Newark, archt.

N. J., Irvington (br. Newark)—APARTMENT—Kugel & Spieler, Inc., 199 Ridgeview Ave., Newark, will build 4 story, 75 x 140 ft., brick, plain foundation, 712-16 Stuyvesant Ave., here. $150,000. Work will be done by separate contracts. E. V. Warren, 31 Clinton St., Newark, archt.

N. J., Jersey City — APARTMENT — J. Rubin & B. Freed, 801 Boulevard, Bayonne, will build 4 story, 50 x 100 ft., brick and timber, plain foundation, 18-20 Fulton Ave., here. $150,000. Work will be done by separate contracts.

N. J., Newark — APARTMENT — Paramount Holding Co., 265 Hillside Ave., will build 5 story, 79 x 100 ft., brick and timber, plain foundation, 359 Lake St. $160,000. Work will be done by separate contracts.

N. J., Newark — BANK — Workingmen's Building & Loan Assn., 6 Jones St., general contract 2 story, rein.-con., brick and steel, plain foundation, Livingston Ave. and Spencer St., to Becker Constr. Co., 361 Grove St. Archts. est. $150,000.

N. J., Paterson—STORE and OFFICE—H. B. Kitay, 15 North Main St., general contract 2 story and basement, 50 x 80 ft., rein.-con., brick and steel, plain foundation, 260-62 Main St., to J. Mitchell, Inc., 40 Journal Sq., Jersey City. Archts. est. $150,000.

N. J., Red Bank — APARTMENT — N. Doremus & Sons, 10 East Front St., general contract 3 story, brick and steel, plain foundation, 44-52 West Front St., to H. Greisen, 175 Smith St., Perth Amboy. Archts. est. $300,000. Noted Apr. 14.

N. J., Wechawken—APARTMENT—Zerman & Rubenstein, 437 Bergenline Ave., West New York, will build 5 story, brick, plain foundation, 4th St., here. $150,000. Work will be done by separate contracts. G. B. McIntyre, 524 17th St., West New York, archt. Noted Apr. 28.

N. J., West New York — APARTMENT and STORE — I. Covino, 726 Park Ave., Union City, will build 5 story, brick and timber, plain foundation, Park Ave., here. $150,000. Work will be done by separate contracts. G. Willaredt, 411 23rd St., archt.

Pa., Phila.—SALES and SERVICE—P. H. Tyre, archt., 114 South 15th St., 4 story and basement, 69 x 240 ft., rein.-con. and brick, plain foundation, 1515 North Broad St., to White Constr. Co., Jefferson Bldg., for R. H. and J. J. Greenburg, Morris Bldg. Archts. est. $400,000. Harper & Harper, 720 North Broad St., lessee. Noted Apr. 28.

Pa., Phila.—STORE, SALES and SERVICE — Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 112 x 124 x 169 x 170 ft., rein.-con., brick and steel, plain foundation, Germantown Ave. and Bethlehem Pike, to Haverstick & Borthwick, Schaff Bldg., for Felt Bros., Packard Bldg. Noted May 12.

Pa., Pottstown — LODGE — Pottstown Aerie of Eagles, 264 High St., 3 story and basement, 51 x 150 ft., rein.-con., brick and steel, plain foundation, 306 High St., to W. H. Wiand, Pottstown, $156,080.

Md., Baltimore—WAREHOUSE—Amer. Stores Co., c/o A. B. Kistler, engr. 424 North 19th St., Phila., Pa., will build 5 story, 100 x 125 ft., rein.-con. and brick, plain foundation, Lafayette Ave. and Smallwood St., by day labor. $150,000.

O., Canton — LODGE HOME — Canton Eagles Lodge, 5 story and basement, 82 x 92 ft., brick, concrete and steel, 6th St. and Market Ave. S., to G. Whike Constr. Co., 132 2nd St. N. E. Archts. est. $200,000.

O., Cleveland—COMMERCIAL and THEATRE—A. T. Wallach, 12509 Cedar Rd., masonry contract 1 and 2 story, 130 x 179 ft., brick, steel and concrete, East 119th St. and Buckeye Rd., to J. Miller, 10819 Drexel Ave. Archts. est. $250,000.

O., Cleveland — WAREHOUSE — Christian, Schwarzenberg & Gaeda, archts. and engrs., 1900 Euclid Bldg., 5 story and basement, 200 x 200 ft., brick and rein.-con., Woodland Ave., to Lundoff-Bicknell Co., B. F. Keith Bldg., for Ohio Bell Telephone Co., R. P. Eide, vice-pres. and genl. mgr., 4300 Euclid Ave. Archts. est. $500,000. Noted Apr. 28.

Ind., East Chicago—APARTMENT and STORE—J. Fusek, general contract 2 story and basement, 51 x 116 ft., brick, steel and terra cotta, Bway. and Fir St., to Rahn Constr. Co., East Chicago. Archts. est. $160,000.

Ind., Gary — APARTMENT — A. Bornstein, c/o I. M. Cohen, archt., 738 Bway., general contract 7 story, rein.-con., brick and steel, 6th and Monroe Sts., to Mid City Realty Co., Gary. Archts. est. $400,000.

Ind., Hammond—APARTMENT HOTEL—Stuart Development Co., 1st Trust & Savings Bldg., general contract rein.-con., brick and steel, Highland and Hyslop Sts., to Bennett & Livingston, 801 Grant St. Archts. est. $185,000.

Ind., Hammond—CLUB HOUSE—Lake Hills Country Club, 1st Trust & Saving Bldg., general contract steel and stone club house, to Henderlong Lumber & Constr. Co., Crown Point. Archts. est. $150,000.

Ill., Alton—CITY HALL—City c/o E. B. Watson, chn. building comn., 2 story and basement, 90 x 120 ft., rein.-con., brick and stone, 3rd and Alby Sts., to J. C. Wuellner & Son, Alton, $181,400. Noted Feb. 3.

Ill., Chicago — APARTMENT — Jeffrey-Cyril Co-operative Corp., c/o J. Schwarz, archt., 64 West Randolph St., general contract 13 story, 65 x 118 ft., brick, 7144-48 Jeffrey Ave., to C. B. Johnson & Son, 306 South Wabash Ave. Archts. est. $400,000.

Ill., Chicago—APARTMENT—P. Ram (owner and carpenter), 3232 Division St., masonry contract 3 story, 98 x 168 ft., brick, 1334-40 North Kedzie Ave., to L. Rubin, 4958 North St. Louis Ave. Archts. est. $375,000. Noted Sept. 16.

Wis., Wausau—HOSPITAL—Marathon Co., C. H. Kohlman, clk., 2 story and basement, 84 x 207 ft., rein.-con., brick and steel, plain foundation, to W. O. Naset, Sparta, $153,180. Noted Apr. 7.

Minn., Minneapolis—OFFICE—Standard Oil Co. of Indiana, 1937 4th St. S. E., general contract 4 story and basement, rein.-con. and brick, 13th St. and Harmon Pl., to J. L. Robinson Co., 511 South 7th St. Archts. total est. to exceed $150,000. Noted Mar. 3.

Ark., Little Rock—Little Rock Y.M.C.A., c/o J. B. Withee, genl. secy., 128 East Capitol St., 4 story and basement, 120 x 142 ft., rein.-con. and brick, 6th St. and Bway., to W. F. Ault, Moore & Turner Bldg. Archts. est. $281,250. Noted Feb. 10.

Mo., Cape Girardeau — HOTEL — Hotel Securities Corp., Ry. Exch. Bldg., St. Louis, 6 story and basement, 83 x 115 ft., rein.-con., brick, steel and terra cotta, Bway. and Fountain St., to William H. Smith, Nelson Cunliff Co., 110 North 7th St., St. Louis. Archts. est. $500,000. Noted Feb. 17.

Mo., Kansas City—APARTMENT HOTEL—W. G. Wrenn, Rialto Bldg., will build 8 story and basement, 80 x 122 ft., rein.-con. and brick, Armour and Harrison Sts., by day labor. $600,000. P. T. Drott, Reliance Bldg., archt.

Mo., Milwaukee—THEATRE and BUSINESS—Dick & Bauer, archts., 208-3rd St., general contract 2 story and basement, 150 x 170 ft., rein.-con. and brick, 21st St. and Natl. Ave., to S. M. Siesel Co., Milwaukee, $200,000. Noted Apr. 7.

Mo., St. Louis—APARTMENT—M. J. Ross, c/o N. C. Davis, archt., 4908 Delmar Blvd., 3 story and basement, 6 units each 35 x 103 ft., rein.-con. and brick, 5435-5465 Cabanne Ave., to V. H. Rhodes, 6240 Delmar Blvd. Archts. est. $180,000.

Mo., St. Louis—APARTMENT—Pomeroy Constr. Co., Title Guaranty Bldg., will build 3 story and basement, 92 x 161 ft., rein.-con., brick and terra cotta, Oakland and Graham Sts. Approximately $150,000. Work will be done by own forces. O. J. Popp, 1501 Arcade Bldg., archts.

Mo., St. Louis—GARAGE—A. Von Hoffman, 101 South 9th St., 1 story, 125 x 298 ft., rein.-con. top addition, 9th and Walnut Sts., to Edward Steininger Constr. Co., 4827 Easton St.

Mo., St. Louis—CLUB HOUSE—G. F. A. Brueggeman, archt., 311 Liberty Central Bldg., general contract 8 story and basement, 37 x 90 ft., rein.-con., brick and stone addition, 4th St. and Lucas Ave., to J. V. Boland, 1506 Chemical Bldg., for Missouri Athletic Assn., 407 Washington Ave. Noted Mar. 24.

Tex., Beaumont—HOTEL—C. Keith, 12 story, 60 x 175 ft. hotel, Pearl and Wall Sts., to Southwestern Constr. Co., West Bldg., Houston, $1,000,000.

Tex., Dallas — EXCHANGE — Southwestern Bell Telephone Co., 11th and Pine Sts., St. Louis, Mo., 3 story and basement, 40 x 50 ft., brick and rein.-con. addition to Haskell Exchange, here, to P. O. B. Montgomery, 505 Constr. Ind. Bldg.

Tex., Dallas—OFFICE—Guardian Investment Co., c/o J. H. Burt, pres., Magnolia Bldg., 11 story, 50 x 100 ft., brick, stone and rein.-con., to Churchill-Humphrey Co., 207 Magnolia Bldg. Archts. est. $400,000.

Tex., San Antonio—HOTEL—A. H. Shafer Estate, 418 North St. Marys St., general contract Blue Bonnett Hotel, 11 story and basement, 50 x 140 ft., rein.-con. and brick, plain and concrete pile foundation, Pecan and St. Marys Sts. to Koreger-Brooks Constr. Co., c/o Builders Exch. Bldg., $259,500. Noted Apr. 7.

Tex., San Antonio—OFFICE—Real Estate Bd., c/o C. J. Rush, Gunter Bldg., general contract 10 story and basement, 50 x 101 ft., rein.-con. and brick, plain foundation, St. Marys and Martin Sts., to A. E. Rheiner & Co., c/o Builders Exch. Bldg., $173,858. Noted May 12.

Okla., Tulsa—HOSPITAL—Morningside Hospital, c/o M. J. McNulty, 905 Cincinnati St., 4 story and basement, rein.-con., brick and stone, 12th and Utica Sts., to Tankersley Constr. Co., Sapulpa. Archts. est. $150,000. Noted Mar. 10.

Calif., Glendale—APARTMENT—M. G. Machtolf, two 3 story and basement, 50 x 115 ft. each, brick, Elk St., to Yale Bros., 512 East Colorado St. Archts. est. $175,000.

Calif., Los Angeles—APARTMENT—F. J. Murphy, 5 story, approximately 60 x 140 ft., brick, 5456 Virginia Rd., to S. C. Clar, Santa Monica Blvd. and Gordon St. Archts. est. $200,000.

Calif., Los Angeles—APARTMENT—M. Royer, c/o R. D. King, archt., Van Nuys Bldg., 4 story and basement, 95 x 125 ft., brick, Western Ave., to L. McConville, 3311 West Washington St., $175,000. Noted May 12.

Calif., Los Angeles—APARTMENT—S. Levee, 4 story and basement, brick, Virginia Ave., to S. C. Clark, 6001 Santa Monica Blvd., $150,000.

Calif., Los Angeles—APARTMENT—C. Campbell, 605 North Virgil St., 4 story, 70 x 139 ft. apartment, 727 North Madison Ave., to J. P. Taylor Co., 254 South Wester Ave., $180,000.

Calif., Los Angeles—GARAGE—Packard Motor Car Co., E. C. Anthony Inc. (owner), 10th and Hope Sts., 4 story and basement, 150 x 160 ft. rein.-con. addition, 10th and Hope Sts., to Cahill Bros., 10th and Hope Sts. $250,000.

Constr. News page 325

Buildings—Commercial (Continued)

Calif., Los Angeles — HOTEL — J. E. Green, 209 Hohm Bldg., will build 4 story, 100 x 180 ft. hotel, Santa Monica Blvd. near Wilshire Blvd., by day labor. $250,000. W. H. Kraemer, 3923 West 6th St., archt.

Calif., Los Angeles—STORE and OFFICE—F. Thomson, c/o Gogerty & Weyl, archts., 329 Hollywood Guaranty Bldg., 2 story and basement, 140 x 150 ft., rein.-con., Sunset Blvd., to Beller Constr. Co., 649 South Olive St., approximately $165,000.

Calif., Los Angeles — STORE and OFFICE—Downtown Properties, Inc., 12 story and basement, steel, South Olive St., to P. C. Walker Co., W. M. Garland Bldg., approximately $750,000.

Calif., Oakland—HOTEL—W. H. Weeks, archt., 369 Pine St., San Francisco, 6 story and basement, 126 room, rein.-con., to Weeks & Walstrum, Tapscott Bldg., Oakland, $281,500. Owner's name withheld.

Calif., Pasadena — APARTMENT — Livingston Apartment-Livingston Apartment House, Inc., 3 story and basement, brick, South Los Robles Ave., to Woodworth & Son, 200 East Colorado St., approximately $165,000.

Calif., San Francisco—APARTMENT—D. Cohen, 3344 Fillmore St., 6 story and basement, rein.-con., Chestnut and Steiner Sts., to J. T. McFarland, 75 Capra Way, $150,000.

Calif., San Francisco—APARTMENT—H. H. Simons, Fillmore and Chestnut Sts., 6 story and basement, rein.-con., Lyon and Greenwich Sts., to J. T. McFarland, 75 Capra Way, $150,000.

Calif., Ventura—LODGE—A. F. Priest, archt., 719 Fay Bldg., Los Angeles, 4 story, 100 x 150 ft., brick and steel, California and Santa Clara Sts., here, to A. Schroeder, Oxnard, for Ventura Masonic Bldg. Assn., $150,000. Noted Feb. 17.

Buildings—Industrial

Proposed Work

Mass., Boston—PLANT—Natl. Metal & Rubber Co., 27 Stillings St., South Boston, having preliminary plans prepared 1 story, brick and steel addition, plain foundation, Stillings St. $40,000. Private plans.

Mass., Dorchester (Boston P. O.)—GARAGE and REPAIR SHOP—Upham's Corner Market Co., 600 Columbia Rd., plans 1 story, rein.-con. and brick, Ramsay St., $50,000. Engineer and architect not selected.

Mass., West Springfield (br. Springfield)—PLANT—United Electric Light Co., State and Bliss Sts., L. J. Scott, genl. mgr., plans steel switching plant and transformer station. $600,000.

N. Y., Albany—LABORATORY, etc.—Dept. Health, Capitol, takes bids probably in June, laboratory west wing, power house and stable units. S. W. Jones, Capitol, state archt.

N. Y., Newark—LAUNDRY—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, laundry at Newark State School for Mental Defectives, here. S. W. Jones, Capitol, Albany, state archt. Noted Feb. 10.

N. Y., Rome—LAUNDRY—Dept. Mental Defectives, Capitol, Albany, takes bids probably in June, laundry addition at State School for Mental Defectives, here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31 under "Buildings—Commercial."

N. Y., Rochester — FACTORY — B. F. Kelly, archt., 302 Terminal Bldg., soon lets contract 1 story, brick and steel, plain foundation, Portland Ave., for Metal Arts Co., J. Jack, Pres., 77 South Ave. $40,000.

N. J., East Orange—PATTERN SHOP—A. P. Smith Mfg. Co., 275 North Arlington Ave., soon lets contract 3 story, 50 x 70 ft., rein.-con., brick and steel, plain foundation, North Arlington Ave. $60,000. Private plans.

N. J., Newark—NEWSPAPER PLANT—H. Scudder, archt., 9 Clinton St., prepared plans and takes bids about May 20, general contract 9 story, 37 x 115 ft., rein.-con., brick and steel, plain foundation, 215 Market St., for Newark Evening News, 215 Market St. $500,000.

N. J., Teaneck (mail West Englewood)—POWER HOUSE — V. Reeser, archt., 55 West 42d St., New York City, prepared plans and soon takes bids general contract 2 story, brick and steel, plain foundation, here, for Holy Name Hospital, Teaneck Rd. $75,000.

Constr. News page 326

Pa., Phila.—BOX FACTORY—Ballinger Co., archts., 12th and Chestnut Sts., soon let contract 2 story and basement, 80 x 300 ft., brick and rein.-con. factory, incl. radial brick stack, 125 ft. high, plain foundation, D and Erie Sts., for Crescent Box Co., D and Erie Sts. Noted May 12.

Pa., Phila.—SHOP and OFFICE—Ballinger Co., archts., 12th and Chestnut Sts., soon let contract 2 story and basement, 68 x 100 ft., rein.-con., brick and steel, plain foundation, 613-23 South 24th St., for D. J. Keating, 2042 Rittenhouse St.

N. C., Statesville — TEXTILE MILL — Iredell Development Co., plans 2 story, 100,000 sq.ft. floor space, brick, here, for Phoenix Mills, Little Falls, N. Y. $200,000.

Georgia—COTTON MILL—Amoskeg Mfg. Co., Fitchburg, Mass., purchased mills of Barrow County Cotton Mills at Winder and Lawrenceville, here, and plans enlarging same.

La., Lake Charles—COTTON COMPRESS—Lake Charles Compress & Warehouse Co., c/o A. J. Mathews, vice pres. and genl. mgr., Russellville, Ark., having preliminary plans prepared cotton compress, here. $125,000. Private plans.

Tenn., Nashville — POWER HOUSE — Nashville Ry. & Light Co., Watkins Bldg., J. P. W. Brown, vice-pres., plans rein.-con. addition to plant, on Cumberland River. $150,000.

O., Cleveland—FACTORY—H. M. Morse, Co., archts. and engrs., Finance Bldg., soon let contract 2 story, 30 x 42 ft., brick and steel addition, 10514 Dupont Ave., for Hickok Electric Instrument Co., R. O. Hickok, pres., 10514 Dupont Ave. $40,000.

Ind., Evansville — PACKING PLANT — Inglehart Milling Co. had plans prepared 3 story and basement, rein.-con., brick and steel packing plant. $200,000. Private plans.

Ind., Hagerstown — FACTORY — Perfect Circle Co., A. Teeters, mgr., having plans prepared 1 story, brick and steel factory, $40,000. Private plans.

Ind., Newcastle — FACTORY — Indiana Rolling Mills having preliminary plans prepared brick and steel factory. $40,000. Private plans.

Ill., Chicago—FURNACE PLANT—Interstate Iron & Steel Co., 118th St. and Calumet Ave., having plans prepared by F. Hoffman, 200 South La Salle St., 129 x 145 ft. furnace plant. $120,000.

Wis., De Pere—PAPER PLANT—Nicolett Paper Co., H. C. Hanke, mgr., having plans prepared 1 story, 60 x 90 ft., rein.-con., brick and steel paper plant, plain foundation. $40,000. Private plans. Noted Mar. 24.

Wis., De Pere—SERVICE STATION and SHOP—De Pere Motor Co., George Ave. and Superior St., having plans prepared by N. R. Safford, De Pere, 2 story, 50 x 120 ft., rein.-con., brick and steel, plain foundation. $40,000. Noted May 5.

Mo., Kansas City—CANDY FACTORY—E. Sheetz, 3828 Main St., having plans prepared by Hoit, Price & Barnes, 800 Davidson Bldg., 2 story (ultimately 4 story) and basement, 80 x 135 ft., candy factory, rein.-con., Robert Gillham Rd. south of Linwood Blvd. To exceed $40,000. Martha Washington Candy Co., 1601 Connecticut Ave. N. W., Wash., D. C., lessee.

Mo., St. Louis—SERVICE GARAGE and SALES—Wells Motor Co., 3008 North Grand Blvd., having plans prepared by G. H. Hargitt, 5332 Vernon Ave., 1 and 2 story and basement, 100 x 150 ft., rein.-con., brick and steel, 3000 North Spring Ave. $60,000.

Tex., Del Rio — HYDRO-ELECTRIC PLANT—Texas Central Power Co., c/o Frost Natl. Bank Bldg., San Antonio, making surveys, etc. hydro-electric plant on Devil's River, near here, $1,000,000, also concrete dam $250,000 and transmission lines $350,000. S. Young, c/o owner, engr. Noted Apr. 8, 1926 under "Dams."

Tex., Fabens — COTTON COMPRESS — Fabens Compress & Fumigation Co., c/o H. Krupp, making plans probably electrically operated cotton compress. $100,000. Private plans.

Tex., Lockney—COTTON COMPRESS—Texas Warehouse Co., Cedar and Kaker Sts. having preliminary plans prepared cotton compress. $70,000. Private plans.

Tex., Nacogdoches—COTTON GIN—A. T. Mast, et al, made plans electrically operated cotton gin. $40,000. Private plans.

Tex., Orange — LAUNDRY — Orange Laundry Co. Inc., 112 Front St., soon takes bids 70 x 140 ft. concrete laundry. $60,000. Private plans.

Tex., Plainview — CANNERY — Central Arkansas Food Products Co., Little Rock, Ark., purchased site and plans cannery, here. $40,000. Private plans.

Tex., San Angelo — FOUNDRY — Star Fdry. Steel & Machine Co., c/o A. A. Koch, San Angelo, purchased site and plans rein.-con. and steel, Robert Lee Rd., near here. $75,000.

Okla., Okmulgee — PLANT — Pine Glass Co. having preliminary plans prepared new plant, manufacturing fruit jars and jelly glasses. $60,000. Private plans.

Wash., Aberdeen — PULP and PAPER PLANT—Pacific States Pulp & Paper Co., c/o L. E. Van Winkle, representative, Aberdeen, plans 100 ton sulphide pulp plant, near here.

Wash., Ferndale — POWDER PLANT—Washington Safety Co., c/o G. H. Boucher, pres., R. F. D. 2, 170 A, Seattle, plans powder plant, 10 ton daily capacity, near here. $100,000.

Ore., Portland — BISCUIT FACTORY — Natl. Biscuit Co., 45 East 3rd St., plans 6-oven biscuit factory. To exceed $500,000.

Calif., Delano—FACTORY—Earl Fruit Co. having plans prepared by C. H. Biggar, Bank of Italy Bldg., Bakersfield, factory. To exceed $75,000.

Calif., Los Angeles—FACTORY—Truscon Steel Co., 1480 East 4th St., purchased 10 acre site and plans (1st unit) 60 x 250 ft., steel on Slauson Ave.

Calif., Los Angeles—FACTORY—Truscon Steel Factory, Albert St. extension, Youngstown, O., plans steel and concrete branch manufacturing plant, Slauson Ave. between Eastern and Atlantic Aves., here. $250,000.

Calif., Oakland—PUBLISHING PLANT—Oakland Tribune, 12th and Franklin Sts., having plans prepared by E. T. Foulkes, 357-12th St., fireproof annex, 12th and Franklin Sts. To exceed $250,000.

Calif., Redwood City—FACTORY—Monterey Bubblestone Co., Santa Barbara, plans factory for manufacturing by-product from cement, similar to brick. $40,000 incl. equipment. Private plans.

Calif., Richmond — FOUNDRY — Enterprise Fdry. Co., 2902 19th St., San Francisco, plans foundry on Richmond Inner Harbor. $40,000 or more.

Calif., Riverside—MILL—Cresmer Mfg. Co., 170 East 8th St., plans rebuilding 60 x 240 ft., plant, recently destroyed by fire. $100,000.

Calif., San Francisco—BOX FACTORY—Standard Box Co., Beale and Bryant Sts., having plans prepared rebuilding portion factory, Bryant and Beale Sts., recently destroyed by fire. $75,000 incl. equipment. Private plans.

Calif., San Francisco—PLANING MILL—H. Harder, 1819 San Bruno Ave., had plans prepared by A. H. Larsen, 447 Sutter St., 2 story, 60 x 90 ft., Bay Shore Highway and Oakdale Ave.

Calif., South San Francisco — WIRE WORKS — E. D. Hargrave, Miller Ave., and M. L. Spangler, Eucalyptus Ave., plans wire works, Tanforan Race Track. $50,000. Private plans.

Ont., Blyth—FACTORY—Bainton Bros. having plans prepared factory for making rugs, blankets, sweaters, etc. $50,000.

Ont., St. Catharines—PLANT—Scholler Bros., Amber and Westmoreland Sts., Phila.-Pa., purchased 5 acre site and plans branch plant, for manufacturing textile soaps and compounds, here.

Ont., Toronto—MOTOR and MACHINE SHOP — Toronto Transportation Comn., Yonge and Front Sts., having plans prepared concrete, brick and steel, on Esplanade between Frederick and Sherbourne Sts. $50,000. D. W. Harvey, c/o owners, engr.

B. C., Vancouver — SOAP FACTORY — Hodgson & Simmonds, archts., 320 Province Bldg., takes bids about June 16, 2 or 3 story, 50 x 100 ft., brick addition, Georgia St., for Royal Crown Soap Co., 308 Georgia St. E. $75,000.

Bids Desired

Mass., Ashland — FACTORY — Warren-Telechron Co., A. Koskin, taking bids 1 story, 13,000 sq.ft. floor space, brick, plain foundation, Holmes Ave. Fay, Spofford & Thorndike, 44 School St., Boston, engrs.

Mass., Boston — BAKERY — See "Contracts Awarded."

Mass., Everett (br. Boston)—BOTTLING PLANT—Tremont Bottling Co., 300 North St., Boston, taking bids brick and stone, plain foundation, Spring and Terminal Sts. $50,000. M. J. Mastrangelo, 369 Hanover St., Boston, archt.

Mass., Revere—SHOP—Suburban Gas & Electric Co., 150 Beach St., taking bids 1 story, 55 x 105 ft., brick and steel, plain foundation, Beach St. $50,000. Private plans.

Conn., Bridgeport—PLANT—Bridgeport Metal Goods Co., Cherry St., taking bids 2 story, 60 x 240 ft., brick, Cherry St. $100,000. Fletcher-Thompson Inc., 542 Fairfield Ave., archts. Noted May 5.

Buildings—Industrial (Continued)

Pa., Phila.—FACTORY—May 20, by R. E. White, archt., Penna. Bldg., 1 and 2 story and basement, 56 x 91 ft., rein.-con., brick and steel, plain foundation, 33rd and Dickenson Sts., for Phila. Magnesia Co., 1425 South 8th St. Former bids rejected. Noted Dec. 30.

Md., Baltimore—FACTORY—May 23, by H. F. Doelman, engr., 516 North Charles St., 3 story and basement, 85 x 185 ft., brick and steel, Aisquith, Curtain and Robb Sts., for J. H. Ferguson, 1918 Harford Ave. F. Thomas, 726 East 33rd St., consult. archt. Noted Apr. 14.

La., Sterlington (mail Ouachita) — HYDRO-ELECTRIC PLANT—See "Contracts Awarded."

O., Cleveland—FACTORY, etc.—Smith Incubator Co., W. A. Smith, treas., 1920 West 77th St., taking bids 1 story and basement, 200 x 270 ft. factory, and 2 story, 20 x 204 ft. office, both brick and steel, Elmwood Ave. $150,000. J. M. Walsh, c/o owner, archt. Noted Apr. 21.

Wis., De Pere — FACTORY — De Pere Paper Mfg. Co. taking bids 1 story, 60 x 150 ft., rein.-con., brick and steel, plain foundation. $40,000. Private plans. Noted Apr. 28.

Wis., Richland Center—FACTORY—See "Contracts Awarded."

Wis., Sturgen Bay—SERVICE STATION—Severson & Konard, John and Garland Sts., taking bids 1 story, 80 x 100 ft., rein.-con., brick and steel, plain foundation, here. $40,000. Private plans. Noted May 5.

Mo., St. Louis—GARAGE and SERVICE—See "Contracts Awarded."

Mo., St. Louis—LIGHT FACTORY—See "Contracts Awarded."

Mo., St. Louis—GARAGE and SERVICE—Wells Motor Co., 3008 North Grand Blvd., taking bids and opens same about May 14, 1 and 2 story, 100 x 150 ft., rein.-con., brick and steel, 3000 North Spring St. $60,000. G. H. Hargitt, 5332 Vernon Ave., archt.

Tex., Weslaco—COLD STORAGE PLANT—See "Contracts Awarded."

Calif., Venice—ICE PLANT—See "Contracts Awarded."

Contracts Awarded

Me., Winthrop—TEXTILE MILL—Winthrop Mills Co., 4 story and basement, 64 x 171 ft., brick and steel, to O. D. Purington & Co., 49 Westminster St., Providence, R. I., Archts. est. $100,000.

Me., Winthrop—MILL—Winthrop Mills Co., 4 story and basement, 65 x 200 ft. timber addition, concrete foundation, to O. D. Purington & Co., 49 Westminster St., Providence, R. I. Archts. est. to exceed $40,000.

Mass., Boston—BAKERY—M. F. Capodilupo, 198 Endicott St., will alter and construct 5 story, brick addition, plain foundation, 176 Endicott St. $40,000. Work will be done by separate contracts. M. J. Mastrangelo, 369 Hanover St., archt. Noted Feb. 24.

Mass., Brookline (br. Boston) — MACHINE SHOP, etc.—H. M. Rambach, 18 Tremont St., Boston, 1 story, brick and Stone machine shop and store building plain foundation, Harvard and Alton Pls., to N. Hurwitz, 294 Washington St., Boston. Noted Apr. 28.

Mass., Cambridge (Boston P. O.) — BAKERY—Natl. Biscuit Co., 85-9th Ave., New York City, 4 story and basement, 45 x 220 ft., brick and stone, Green and Franklin Sts., here, to Scully Co., 238 Main St. Noted Apr. 21.

Mass., Holyoke — MACHINE SHOP — Worthington Pump & Mchy. Corp., 37 Appleton St., machine shop extension, to Casper Ranger Constr. Co., 20 Pond St.

Mass., Marlboro—FACTORY—Dennison Mfg. Co., Framingham, 5 story, 70 x 105 ft., brick addition, Valley St., to M. C. Tuttle Co., Park Sq. Bldg., Boston.

Mass., North Cambridge (mail Cambridge) — LAUNDRY — Superior Laundry Co., 67 Rogers St., Cambridge, 1 story and basement, 40 x 200 x 200 ft., rein.-con., brick and steel, concrete foundation, here, to Austin Co., 120 Bway., New York City. Archts. est. $40,000 or more.

Mass., Marlboro—FACTORY—Dennison Mfg. Co., W. S. Fitch in charge, Framingham, brick and steel addition, Valley St., to M. C. Tuttle, 31 St. James St., Boston. Archts. est. $100,000.

Mass., Watertown—REPAIR SHOP and SALESROOM — K. Duffy, 15 Hinnewell Ave., Brighton, 1 story, rein.-con. and brick, plain foundation, North Beacon St., to J. and N. Shepard, 225 Vine St., Everett. Archts. est. $40,000. Noted Jan. 27.

Mass., West Springfield (br. Springfield) —REPAIR and SERVICE GARAGE and SHOW ROOM—C. I. Fenton, 54 Elm St., 1 story and basement, rein.-con., Westfield St., to Schnare Constr. Co., 1495 Walnut St., Springfield. Archts. est. $50,000.

Mass., Worcester — MACHINE SHOP — Boston & Albany R.R. Co., G. A. Kirley, ch. engr., South Station, Boston, 2 story, 45 x 115 ft., rein.-con. and tile addition. Grafton St., here, to J. F. Fitzgerald Constr. Co., 294 Washington St., Boston. Archts. est. to exceed $150,000. Noted Feb. 17.

N. Y., Syracuse—FACTORY—O. M. Edwards Co., Inc., Solar and Plum Sts., 1 story, 120 x 120 ft., and 5 story, 60 x 150 ft., rein.-con. and steel additions, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. $250,000.

N. J., Newark—PATTERN SHOP—Newark Gear Cutting Machine Co., 65 Prospect St., general contract 2 story, 48 x 93 ft., brick and steel, plain foundation, 67 Prospect St., to Enstice Bros., 111 Academy St. Archts. est. $50,000.

Md., Baltimore — MANUFACTURING — Anchor Post Fence Co., 9 East 38th St., New York City, general contract (1st unit) 1 story, 200 x 500 ft., concrete and steel, plain foundation, Eastern Ave. and 35th St., here, to Austin Co., 16112 Euclid Ave., Cleveland, O. Noted May 5.

La., Sterlington (mail Ouachita) —HYDRO-ELECTRIC PLANT — Louisiana Power & Light Co., Pine Bluff, Ark., will build two additional units 40,000 hp. with complete equipment at plant on Ouachita River, here, by day labor, under supervision Ford, Bacon & Davis, engrs., 115 Bway., New York City.

Ky., Louisville — FACTORY — Axton-Fisher Tobacco Co., 811 South 20th St., 7 story and basement, 85 x 150 ft., brick and timber addition, to J. E. Boswell Co., 1107 East Bway., approximately $200,000. Noted Apr. 7.

O., Cincinnati—CAR SHOP—Cincinnati Street Ry. Co., Dixie Terminal Bldg., 1 story, brick, steel and rein.-con., plain foundation, Mitchell Ave., to Fisher DeVore Co., Dixie Terminal Bldg., $600,000.

O., Cleveland — CORE FOUNDRY — Christian, Schwarzenberg & Gaeda, archts. and engrs., 1900 Euclid Bldg., 1 story, brick and steel, 6565 Bway., to S. W. Emerson Co., 1836 Euclid Ave., for Grabler Mfg. Co., L. Rosenfeld, pres., 6565 Bway. $40,000. Noted Dec. 30.

O., Cleveland — FACTORY — Ohio Truck Body & Wagon Co., M. T. Gardner, genl. mgr., 3291 East 65th St., 1 story, 68 x 150 ft., brick and steel, 3291 East 65th St., to A. Peck, 3033 East 130th St. Archts. est. $50,000.

O., Cleveland — FACTORY — Richman Bros., 1600 East 55th St., 1 story, brick and steel top addition, 75,000 sq.ft. floor space, to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $250,000.

Ind., Elkhart — FACTORY — Adams & Wastlake Co., 319 West Ontario St., Chicago, Ill., general contract 1 and 2 story, 361 x 495 ft., brick and steel, Mishawaka, Ward, Myrtle and Randolph Sts., here, to Ralph Sollitt Constr. Co., 303 Sherland Bldg., South Bend. Archts. est. $500,000. Noted Apr. 7.

Ind., Gary—SHOP and GARAGE—N. Moswick, 117 West 5th St., general contract brick and steel machine shop and garage, to C. Peck, 3963 Pearce St. Archts. est. $40,000.

Ind., Indianapolis — MACHINE SHOP and SERVICE GARAGE—Meridian Serv. Co., 2451 North Meridian St., general contract brick and steel machine shop and service garage, to J. E. McGaughey, 332 Amer. Central Life Bldg. Archts. est. $42,000.

Ind., Muncie—SERVICE and MACHINE SHOP—Western Oil Refining, 310 North Meridian St., Indianapolis, general contract 1 story, 28 x 102 ft., brick and steel, here, to C. W. Morrow, 1126 East Main St. Archts. est. $45,000.

Mich., Detroit—STOVE FACTORY and OFFICE—A. Kahn, archt., 1000 Marquette Bldg., 1 story, 300 x 804 ft. stove factory, 2 story, 47 x 150 ft. office building, 30 x 60 ft. boiler house, 62 x 68 ft. garage, 2 story 30 x 60 ft.; all rein.-con., steel and brick, plain foundations, incl. cupola room and office building, tunnels and foundations for machinery, Burt Rd., to A. A. Albrecht Co., 1130 Penobscot Bldg. Noted Apr. 21.

Ill., Carbondale — SHOE FACTORY — Chamber Commerce, 2 story, rein.-con. and brick factory, to Hamilton-Hoffman Constr. Co., Carbondale. Archts. est. $75,000. Menzies Shoe Co., 1722 Washington Ave., St. Louis, Mo., lessee.

Ill., Chicago—FACTORY, etc.—Jell-X-Cell Co., general contract 2 story, 80 x 80 ft., rein.-con. and brick factory, office and garage 74th St. and Woodlawn Ave., to Foltz & Co., 510 North Dearborn St. Archts. est. $50,000.

Wis., Richland Center — FACTORY — Southwestern Veneer & Box Co., A. C. Burnham, pres., will build 1 story, 100 x 140 ft., rein.-con., brick and steel plain foundation, by day labor. $40,000. Private plans. Noted Apr. 14.

Wis., West Allis — RECEIVING and SHIPPING—LeRoi Co., general contract 1 story and basement, 50 x 100 ft. main building, 2 story, 18 x 48 ft. pattern storage, and 1 story, 20 x 50 ft. boiler room, brick and steel, plain foundations, 60th Ave., to Bentley Bros., Inc., 808 South Pierce St., Milwaukee. Noted Apr. 28.

Minn., Hibbing — POWER PLANT — Water, Light, Power & Building Comm., remodeling and constructing rein.-con. and brick addition, to Commonwealth Electric Co., 417 Bway., St. Paul, $71,912. Noted Apr. 21.

Neb., Grand Island—POWER PLANT—H. E. Clifford, city clk., general contract power plant addition, incl. super-heaters and complete equipment, to Ernest Rokahr & Sons Co., 914 Terminal, Lincoln. Engrs. total est. approximately $65,000. Noted Apr. 21.

N. D., Wahpeton — STEAM POWER PLANT — Otter Tail Co., Fergus Falls, Minn., 3 story, brick and concrete, here, to Siems, Helmars & Shappiar, 514 Guarantee Life Bldg., St. Paul, Minn., $490,600.

Mo., Florissant — BOILER HOUSE — St. Stanislaus Seminary, Howdershell Rd., 1 story and basement, rein.-con. and brick, Howdershell Rd., to Hercules Constr. Co., Wainwright Bldg., St. Louis. Archts. est. $40,000.

Mo., Kansas City — CLEANING and DYEING PLANT — Criterion Cleaners, 3147 Wyandotte St., general contract 2 story and basement, rein.-con. and brick, 3847 Wyandotte St., to J. Hendrix, 1912 East 38th St., $38,900. Noted Apr. 21.

Mo., St. Louis—GARAGE and SERVICE—Burdeau Real Estate Co., 801 Chestnut St., will build 1 story and basement, 80 x 210 ft., rein.-con. and brick, Laclede Ave. $60,000. Work will be done by own forces. J. T. Craven Eng. Co., Century Bldg., archts.

Mo., St. Louis—LIGHT FACTORY—Burdeau Real Estate Co., 801 Chestnut St., will build 2 story and basement, 109 x 126 ft., brick and concrete, 2116-30 Pine St. $60,000. Work will be done by own forces. J. T. Craven, Eng. Co., Century Bldg., archts.

Mo., St. Louis — FACTORY — Hotel Kitchen Equipment Co., 915 Market St., 3 story and basement, rein.-con. and brick, Morgan St. near 13th St., to William H. & Nelson Cunliff Constr. Co., 410 North Euclid Ave. Archts. est. $50,000.

Tex., Cisco—ICE PLANT—West Texas Utilities Co., Abilene, brick and stucco, approximately 25 ton capacity, here, to L. Kearney, Cisco, $40,000.

Tex., Weslaco — COLD STORAGE PLANT — W. R. Burns & E. W. Napier, Harlingen, 65 ton capacity, cold storage plant, to San Antonio Machine & Supply Co., 325 North Centre St. Engrs. est. $60,000.

Tex., Weslaco—COLD STORAGE PLANT W. Burns, Harlingen, will build cold storage plant, here, by day labor. $100,000.

Calif., Long Beach — GARAGE and SHOPS—General Motors Truck Co., D. B. Jacques, branch mgr., part 1 and 2 story, 200 x 300 ft., brick, Alameda and Washington Sts., to C. W. Beverstock, 2818 Santa Fe Ave.

Calif., Los Angeles—FACTORY—H. A. Meisel, 650 South Spring St., 1 story, 244 x 248 ft., brick, East 59th St., to Industrial Building Co., Pacific Natl. Bank Bldg., approximately $75,000.

Calif., San Francisco—FACTORY—Metropolitan Furniture Co., 1017 Folsom St., 2 story, brick, 7th St., to Industrial Constr. Co., 815 Bryant St., $42,500. Noted Apr. 28.

Calif., Venice—ICE PLANT—Venice Ice Co., E. N. Ratley, genl. mgr., will build 1 story, 62 x 100 ft. ice plant, Washington and Victoria Sts., by day labor. $75,000. York Products Corp., 5051 Santa Fe Ave., Los Angeles, archts.

Calif., Visalia — CREAMERY — Train & Cressey, archts., Western Mutual Bldg., Los Angeles, rein.-con., incl. power plant, etc., to G. A. Graham, Dinuba, for Knudsen Laboratories, Inc., Santee St., Los Angeles, approximately $45,000. Noted Apr. 21.

Ont., Toronto — FACTORY — Link-Belt Ltd., 265 Wellington St. W., general contract 2 story, concrete, brick and steel Eastern Ave., to Jackson Lewis Constr. Co., Federal Bldg.; and structural steel, to McGregor & McIntyre, Ltd., 1139 Shaw St. Archts. est. $150,000. Noted Jan. 27.

Constr. News page 827

Buildings—Educational, Religious

Proposed Work

N. H., Concord—SCHOOL—St. Mary's School for Girls, M. S. Ladd, having sketches made by J. D. Leland & Co., Statler Bldg., Boston, Mass., altering and constructing 2 story and basement, brick addition, South Main St. $150,000.

N. H., Somersworth—HIGH SCHOOL—Town, c/o W. H. Young, supt. schools, had sketches made by C. G. Loring, 7 Water St., Boston, Mass., 3 story and basement, 70 x 100 ft., brick high school. $150,000 or more.

Mass., Amherst — LIBRARY — Trustees Jones Library having plans prepared by Putnam & Cox, 114 State St., Boston, 2 story, 100 x 150 ft., steel and stone, plain foundation. $225,000.

Mass., Amherst—HIGH SCHOOL—Town, School Bd. plans 2 story and basement, brick and stone addition. $150,000 or more. C. P. Hoyt, 8 Beacon St., Boston, archt.

Mass., Arlington — JUNIOR HIGH SCHOOL — School Com. plans 2 story and basement, 61 x 184 ft., brick and steel, incl. gymnasium and assembly hall, Tufts St. $300,000.

Mass., Cambridge (Boston P. O.)—HIGH SCHOOL—City, School Com. plans Junior High School, Raymond and Walden Sts. To exceed $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — NURSES HOME, CHILDREN'S HOSPITAL and WARD—Cambridge Hospital raising $175,000 funds nurses home, $175,000 funds children's hospital, and $300,000 funds private ward, all on Mt. Auburn St. T. Hailey, 30 Brattle St., chn. com. Engineer and architect not selected.

Mass., Everett (br. Boston)—SCHOOL—City, C. Bruce, chn. building com., having sketches made by F. I. Cooper Corp., 172 Tremont St., Boston, 2 story and basement, brick, plain foundation, Summer St. $150,000.

Mass., Fall River—HIGH SCHOOL—City, c/o W. H. Monks, Granite Blk., having preliminary plans prepared by E. Corbett, 70 Bedford St., Technical High School, 2 story and basement, brick, Rock St. To exceed $150,000.

Mass., Somerville (br. Boston)—DORMITORY—Andrew, Jones, Biscor & Whitemore, archts., 50 Congress St., Boston, taking preliminary estimates 3 story and basement, brick and stone, plain foundation, Talbot Ave., here, for Tufts College, S. Robbins, chn., 20 Pemberton Sq., Boston. $150,000.

Mass., Newton (Ind. br. Boston) — COLLEGE — Regis College Sisters of St. Joseph, Walnut Park, plans college. To exceed $150,000. E. T. Sheehan, 120 Boylston St., Boston, archt.

Mass., Springfield—LIBRARY—Springfield Library Assn., H. H. Blanchard, chn., having preliminary plans prepared by Adden & Parker, 177 State St., Boston, altering and constructing addition, Main St. $150,000.

Mass., Wellesley — HIGH SCHOOL — Town, L. J. Towne, chn. com. having plans prepared by J. Proctor, 25 Arch St., Boston, 2 story and basement, brick and stone addition to Junior High School, plain foundation. $150,000.

R. I., Providence—SCHOOL—Immaculate Conception Church, c/o A. O'Toole, pastor, having preliminary plans prepared by J. Hogan, Grosvenor Bldg., altering and constructing 2 story and basement, brick and stone addition, Whalling St. $150,000.

Conn., Hartford — ATHENEUM — Bd. Trustees, Wadsworth Atheneum, 624 Main St., plans antheneum addition. To exceed $150,000. Engineer and architect not selected.

Conn., Hartford—SCHOOL—City, H. F. Fisher, chn. com., receiving competitive plans until July 15, brick and steel trade school, Washington St. $525,000. Engineer and architect not selected.

Conn., New Britain — SYNAGOGUE — Bretheren Sons of Israel, B. Stein, chn. Building com., plans new synagogue. $250,000. Engineer and architect not selected.

N. Y., Albany—COLLEGE—Dept. Educ., Education Bldg., Albany, takes bids probably in June, new building for New York State College for Teachers. S. W. Jones, Capitol, state archt. Noted Apr. 29, 1926.

N. Y., Honeoye Falls — SCHOOL — Bd. Educ., H. R. Maclatt, pres., having plans prepared by O. W. and H. B. Dryer, 217 East Ave., Rochester, 3 story and basement, brick and steel, plain foundation. $225,000.

N. Y., Nyack—SCHOOL—Bd. Educ. having sketches made by E. Sibley, Bluff Rd., Palisade, N. J., 2 story, brick and steel, plain foundation, Midland and 5th Aves. $600,000.

N. J., Elizabeth — CHURCH — Westminster Presbyterian Church, 1393 North Ave., having plans prepared by Poggi & Bragdon, 275 Morris Ave., altering and constructing 2 story and basement, 60 x 125 ft., brick, steel and stone addition, plain foundation, Westminster Ave. and Prince St. $150,000.

N. J., Keyport — SCHOOL — Bd. Educ., Town Hall, having plans prepared by J. N. Pierson & Son, 200 Jefferson St., Perth Amboy, 2 story and basement, brick and steel, plain foundation, here. $200,000. Noted Jan. 27.

N. J., Princeton—HIGH SCHOOL—Bd. Educ. had sketches made by E. Sibley, Bluff Rd., Palisade, 2 story, brick and steel, plain foundation, North Moore St. $700,000.

N. J., Trenton — HIGH SCHOOL — Bd. Educ. having sketches made by E. Sibley, Bluff Rd., Palisade, Senior High School, 2 story, brick and steel, plain foundation, Chamber and Hamilton Aves. $3,000,000. Noted Jan. 21, 1926.

N. J., Woodcliffe (mail Weehawken)—CHURCH and PARISH HOUSE—B. G. Goodhue Associates, archts., 2 West 47th St., New York City, take bids about May 15, general contract 2 story and basement, 100 x 120 ft., brick and stone, plain foundation, Palisade Ave. and 33rd St., here, for Woodcliffe Reformed Church. $150,000.

Pa., Lancaster — HIGH SCHOOL — Bd. Educ., Prince and Chestnut Sts., having plans prepared by C. E. Urban, Woolworth Bldg., addition to Junior High School, West End. $500,000.

Pa., Lancaster — SCHOOL — Bd. Educ., Prince and Chestnut Sts., having plans prepared by M. R. Evans, 10 East Orange St., grade school, here. $150,000.

Pa., Mt. Lebanon (Pittsburgh P. O.)—CHURCH—Mt. Lebanon United Presbyterian Congregation, takes bids about May 15, 1 and 2 story and basement, irregular shaped, stone and steel addition, North Liberty Ave. $350,000. O. M. Topp, Jenkins Arcade, Pittsburgh, Archt. Noted Nov. 25.

Md., Baltimore—LIBRARY and BUILDINGS—City voted $3,000,000 bonds, public central library, and $4,000,000 bonds, buildings.

Md., Baltimore—SCHOOLS—City voted $10,000,000 bonds, new schools.

W. Va., Fairmont—SCHOOLS—Bd. Educ. having plans prepared by W. B. Ittner, 911 Locust St., St. Louis, Mo., and takes bids within 90 days 3 grade and 1 high schools, rein.-con., brick and stone. $940,000 bonds voted.

W. Va., Fairmont — SCHOOLS — Voted $940,000 bonds, Senior High School and 3 other schools, etc. for Bd. Educ. Noted May 13, 1926.

Miss., Clarksdale — HIGH SCHOOL — Clarksdale City Schools, H. B. Heidelberg, supt., plans Junior High School, rein.-con., brick and stone. $150,000-$175,000. Engineer and architect not selected.

Tennessee—SCHOOLS—State Legislature appropriated $1,000,000, to be expended on rural schools in all counties. P. L. Harned, comr. State of Tennessee Dept. Educ., Nasnville.

O., Akron — SCHOOL and PARISH HOUSE — St. John the Baptist Church, c/o J. P. Novak, 375 Grant Ave., soon lets contract 62 x 86 ft. school and 34 x 50 ft. parish house, both 2 story and basement, brick, steel and concrete. $150,000. Potter Gabele & Co., Prospect 4th Bldg., Cleveland, archts.

Ind., Muncie—CHURCH—First Baptist Church, W. G. Everson, pastor, 411 South Jefferson St., pastor, having plans prepared by Hannaford & Son, Dixie Terminal Bldg., Cincinnati, O., rein.-con. and brick, Charles and Jefferson Sts. $150,000.

Ind., Muncie—SCHOOL—School Trustees having plans prepared by Houck & Smenner, 108 East Washington St., Junior High School $160,000, and grade school $60,000, both rein.-con., brick and steel.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by B. C. Wetzel Co., 2317 Dime Bank Bldg., 2 story and basement, rein.-con., brick and steel, plain foundation, Philip Ave. $736,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by Smith, Hinchman & Grylls, 8,000 Marquette Bldg., 2 story and basement, rein.-con., brick and steel, plain foundation, Wyoming and Amos Aves. $369,844.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath, Dohmen & Page, 2231 Park Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Eaton Ave., $200,500; and by Donaldson & Meier, 1214 Penobscot Bldg., 3 story and part basement, rein.-con., brick and steel, plain foundation, Hubbell and Elsworth Aves., $787,257.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by Verner, Wilhelm & Molby, 824 Book Bldg., 2 story and basement, rein.-con., brick and steel, plain foundation, Grandmont Ave. $168,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by L. Kamper, 3729 Cass Ave., 3 story and part basement, rein.-con., brick and steel, plain foundation, Turner Ave. $736,000.

Mich., Fordson — SCHOOL — Bd. Educ., having plans prepared by Van Leyen, Schilling & Keough, 3440 Cass Ave., Detroit, 2 story and basement, 150 x 260 ft., rein.-con., brick and steel, plain foundation, Johnathan School Site. $350,000.

Wis., Green Bay — CHURCH — First Methodist Episcopal Church, c/o C. W. Boag, pastor, 115 South Madison St., plans rebuilding rein.-con., brick and steel plain foundation, here, recently destroyed by fire. $150,000. Engineer and architect not selected.

Wis., La Crosse — HIGH SCHOOL — Parkinson & Dockendorff, archts., Linker Bldg., takes bids about May 25, Parochial High School, 2 story and basement, 80 x 170 ft., rein.-con., brick, steel and stone, plain foundation, for Diocese of La Crosse, A. J. McGavick, pastor. $175,000. Noted Feb. 10.

Minn., Minneapolis—ADMINISTRATION and CHAPEL—Memorial Park Assn., H. R. Dooley, secy., 808 La Salle Ave., plans rein.-con., brick and stone, 22nd Ave. NE. and St. Anthony Blvd. $225,000. Engineer and architect not announced.

Minn., Richfield (Minneapolis P. O.) — CHURCH — Methodist Episcopal Church, c/o H. A. Sawyer, 5809 Lyndale Ave. S., Richfield, having plans prepared by C. J. Bard, 838 Builders Exch. Bldg., Minneapolis, rein.-con., brick and stone, 59th St. and Lyndale Ave. S. $200,000.

Neb., Crete—DORMITORY—Doane College, E. B. Doane, pres., having preliminary plans prepared by Dean & Dean, 137 South La Salle St., Chicago, Ill., 3 story and basement, rein.-con. and brick dormitory. $200,000.

Mo., Mine La Motte — CLUB — Sweet Water Country Club, c/o J. L. Bowling, Inc., archts., 1196 Arcade Bldg., St. Louis, takes bids in summer, 2½ story, 40 x 150 ft., native stone and hollow tile, concrete foundation, here. $150,000. Noted Apr. 7.

Mo., St. Louis—NURSES HOME—Bd. Trustees Shriners Hospitals for Crippled Children, J. R. Watt, secy., 24 James St., Albany, N. Y., having preliminary plans prepared by Hentz, Adler & Shutze, 1330 Candler Bldg., Atlanta, Ga., 2 story and basement, rein.-con., brick and stone, South Kingshighway, here. $200,000.

Mo., St. Louis — DENTAL SCHOOL — Washington University, Skinker and Forsythe Blvds., having preliminary plans prepared by La Beaume & Klein, Compton Bldg., 3 or 4 story and basement, rein.-con., brick and stone, Scott St. near Euclid Ave. $250,000. Noted Apr. 21.

Mo., St. Louis — CHURCH and COMMUNITY CENTER — Galilee Baptist Church, c/o M. Owens, pastor, 4367 Enright Ave., postponed indefinitely, taking bids 4 story and basement, 105 x 131 ft., rein.-con., brick and stone, 2900 Pine St. $300,000. Plato & Evans, 808 West Walnut St., Louisville, Ky., archts. Noted Jan. 6.

Mo., University (St. Louis)—CHURCH—La Beaume & Klein, archts., Compton Bldg., St. Louis, soon lets contract 1 and 2 story and basement, rein.-con., brick and stone, Delmar Blvd. and Overhill Dr., for Presbyterian Congregation, c/o T. B. Teasdale, chn. building com., 5832 Coates Ave. $250,000. Noted Apr. 14.

Okla., Quinton — SCHOOL — Bd. Educ. having preliminary plans prepared 2 story and basement, rein.-con. and brick, plain foundation, 4th St. $160,000. Engineer and architect not selected.

Okla., Seminole—CHURCH—Methodist Episcopal Church having prelinimary plans prepared 3 story and basement, brick, plain foundation, Evans St. $200,000. Engineer and architect not selected.

Calif., Fresno—HIGH SCHOOL—City of Fresno School Dist. having plans prepared by Felchlin, Shaw & Franklin, Pacific Southwest Bldg., Alexander Hamilton Jr. High School, fireproof. $200,000.

Calif., Grass Valley—SCHOOL—Mt. St. Marys Academy having plans prepared by

Constr. News page 328

Buildings—Educational, Religious (Cont.)

Dean & Dean, California State Life Bldg., Sacramento, 2 story and basement, brick, Chapel St. $150,000.

Calif., Inglewood—SCHOOL—Inglewood Dist. having preliminary plans prepared by N. F. Marsh & Co., 1011 Bway., Central Bldg., Los Angeles, constructing Junior High School. $150,000.

Calif., Inglewood — HIGH SCHOOL — Inglewood Junior High School Dist. defeated $150,000 bonds, Junior High School. Noted May 12.

Calif., Los Angeles — CHURCH — West Adams Presbyterian Church having preliminary plans prepared by H. M. Patterson & R. L. Warren, Chamber of Commerce Bldg., church, West Adams St. between Vermont Ave. and Romeo St. $150,000.

Calif., Sacramento — SCHOOL — City of Sacramento School Dist., plans rebuilding Lincoln School, 3 story, fireproof, recently destroyed by fire. $150,000 or more.

Calif., San Luis Rey—SCHOOL—Sisters of the Precious Blood, c/o A. R. Hutchison, 924 Van Nuys Bldg., Los Angeles, had plans prepared 2 story and basement, brick with rein.-con. connecting corridors. $150,000.

Calif., Stockton — CHURCH — Christian Science Church, plans fireproof church, Cedar and Flora Sts. $150,000.

Bids Desired

N. H., Concord—SCHOOL—St. Mary's School for Girls, M. S. Ladd, taking bids altering and constructing 2 story and basement, brick addition, plain foundation, South Main St. $150,000. J. D. Leland & Co., Statler Bldg., Boston, Mass., archts.

Mass., Leominster—NURSES HOME—May 24 (extended date), by Kendall, Taylor & Co., archts., 142 Berkley St., Boston, 3 story and basement, brick and stone, plain foundation, for Leominster Hospital Assn., W. H. Cropper, pres. $150,000. Noted Apr. 21.

Mass., South Boston (sta. Boston) — RECTORY—St. Eualias Parish, c/o M. E. Toomey, pastor, taking bids 3 story and basement, 60 x 100 ft., brick and stone, plain foundation, Bway., here. $150,000. O'Connell & Shaw, 134 Newbury St., Boston, archts.

Mass., Springfield — CHURCH — Trinity Methodist Episcopal Church, H. A. Mores, 55 Riverview Terrace, taking bids altering and constructing 1 story and basement, brick and stone addition, plain foundation. $150,000 or more. Allen & Collins, 75 Newbury St., Boston, archt. Noted May 12.

Mass., Winthrop—HIGH SCHOOL—May 26, by W. H. Brainard, archt., 89 Franklin St., Boston, 2 story and basement, brick addition to Junior High School, plain foundation, Herman St., for School Com. $150,000. Noted May 12.

Mass., Woburn — CHURCH — St. Anthony's Roman Catholic Church, c/o A. Scholtes & A. Manning, archts., 294 Washington St., Boston, taking bids 1 story and basement, brick and stone, plain foundation, Wilmington St., here. $150,000.

Conn., Waterbury—SCHOOL—May 26, by City, School Bd., 2 story and basement, 50 x 92 ft., and 42 x 70 ft., brick and steel addition, Green and Drayer Sts. $150,000. T. Freney, 51 Leavenworth St., archt. Noted Apr. 14.

N. Y., Brooklyn—SCHOOL—June 7, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., addition P. S. 104, 92nd St. and 5th Ave., here, for Bd. Educ., 500 Park Ave., New York City. Former bids rejected. Noted May 5.

N. Y., Jamaica—SCHOOL—May 24, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 45, 150th St. between Rockaway Blvd. and Sutter Ave., in South Jamaica, for Bd. Educ., 500 Park Ave., New York City. Noted Mar. 18, 1926.

N. J., West Berlin—SCHOOL—J. Pierson, archt., 200 Jefferson St., Perth Amboy, taking bids general contract 2 story, brick and steel, plain foundation, here; for Our Lady of Mt. Carmel Church. $150,000.

Pa., Phila. — SYNAGOGUE and SUNDAY SCHOOL — May 20, by Simon & Simon, archts., 249 South Juniper St., 5 story and basement, 242 x 900 ft., brick, limestone and granite, plain foundation, Broad and Mt. Vernon Sts., for Randolph Shalom Congregation, L. Friedman, pastor. $850,000.

Pa., Uniontown—SCHOOL—May 20, by Bd. Educ., 2 story and basement, brick and steel school. $150,000. E. R. Johnson, Fay Title & Trust Bldg., archt.

Fla., Lake City—HIGH SCHOOL—June 7, by Bd. Pub. Instruction, Columbia Co., at office J. W. Burns, supt., Courthouse, high school addition. G. McKay, Ocala, archt.

O., Garfield Heights, (br. Cleveland)—HIGH SCHOOL—June 6, by Bd. Educ., H. L. Mock, clk., 3 story and basement, brick, steel and concrete, Curney Rd. $500,000. Fulton & Taylor, $120 Euclid Ave., Cleveland, archt. Noted Dec. 13.

Mich., Detroit—CHURCH—Lane, Davenport & Peterson, archts., 1017 Charlevoix Bldg., taking bids 2 story and basement, rein.-con., brick and steel, plain foundation, Jefferson Ave., for Jefferson Ave. Baptist Church, Jefferson and Lakeview Aves. $150,000. Noted Jan. 13.

Kan., Hutchinson — HIGH SCHOOL — May 27, by Bd. Educ., J. E. Geyer, clk., rein.-con., brick and stone addition, incl. 1,500 seating capacity auditorium, gymnasium, and 15 class rooms. $185,000. W. E. Hulse & Co., Stamey Hotel Bldg., archts.

Kan., Topeka—HIGH SCHOOL—May 23, by Bd. Educ., c/o H. P. Armstrong, secy., for Oakland Junior High School, 2 story and basement, 112 x 155 ft., rein.-con., brick and stone. $160,000. T. W. Williamson & Co., 312 Central Natl. Bank Bldg., archt.

Neb., Omaha—CHURCH—May 21, by R. Crossman, chn. building com., 1 story, balcony and basement, irregular shaped, 55th St., for Dundee Presbyterian Congregation, D. McLeod, pastor. $225,000. Noted Oct. 28.

Calif., Berkeley—CHURCH—G. Rushworth, archt., 254 Pine St., San Francisco, taking bids (1st unit) group brick and rein.-con. buildings, incl. auditorium and chapel, here, for Trinity Methodist Episcopal Church. $150,000.

Calif., Eagle Rock — HOME — A. G. Bailey, archt., Hillstreet Bldg., Los Angeles, taking bids 3 story and basement, rein.-con. home, here, for Southern California Home for Aged, c/o architect. $200,000. Noted Mar. 3.

Calif., Los Angeles — HOME — Jewish Alliance of Los Angeles, c/o M. Hunt, archt., 1107 Hibernian Bldg., taking bids 3 story, 125 x 150 ft., rein.-con., Union Ave. and Girard St. $150,000. Noted Nov. 18.

Calif., Redwood City—SCHOOL—Trustees Redwood City Grammar School Dist. taking bids 2 story, rein.-con., incl. auditorium, here. $150,000. Gottshalk & Rist, 760 Market St., San Francisco, archt. Noted Feb. 24.

Que., Drummondville — SCHOOL — May 30, by J. A. Poulin, archt., 49 King West St., Montreal, 3 story, 80 x 100 ft. school, here, for Catholic School Comn. $150,000.

Contracts Awarded

Me., Camden — LIBRARY — Town, c/o C. G. Loring, archt., 7 Water St., Boston, Mass., 2 story and basement, brick and stone, plain foundation, to W. E. Hatch, Camden. Archts. est. $150,000. Noted Mar. 31.

Vt., Rutland—CHURCH—Church of Holy Innocents, c/o J. M. Gray, archt., 175 High St., Boston, Mass., 2 story and basement, brick and stone, plain foundation, to G. G. Noyes, Rutland. Archts. est. $150,000. Noted Mar. 24.

Mass., Boston—CATHEDRAL—St. Pauls Cathedral, 136 Tremont St., altering and constructing 1 story and basement, 75 x 110 ft., brick and stone addition, to L. D. Willcutt & Sons Co., 146 Summer St. Archts. est. $150,000 or more.

Mass., Boston—CHAPEL—St. Joseph's Parish, c/o McLaughlin & Burr, archts., 88 Tremont St., 2 story and basement, brick and stone, plain foundation, in Cemetary, Baker and Lagrange Sts., to M. J. O'Hearn, Inc., 128 Washington St., Brookline. Archts. est. $150,000.

Mass., Braintree—CHURCH—St. Francis Roman Catholic Church, W. H. Walsh, pastor, 586 Washington St., altering and constructing 1 story and basement, brick and stone addition, plain foundation, to J. M. Dolan, 263 Bway., Boston. Archts. est. $150,000. Noted Apr. 7.

Mass., Fall River—SCHOOL—St. Jean D'Baptist, A. Blanchett, pastor, 2 story and basement, brick and stone, plain foundation, Stafford Rd. and Tucker Sts., to E. Rousseau, 1164 South Main St. Archts. est. $150,000.

Mass., Revere—SCHOOL—City, Superintendent Schools, City Hall, altering and constructing 2 story and basement, brick addition to McKinley School, plain foundation, Yeaman St., to M. & D. Constr. Co., 44 School St., Boston. Archts. est. $150,000. Noted May 12.

Mass., Rutland — CHURCH — Rutland Congregational Church, G. H. Miles, chn. com., altering and constructing 1 story and basement, brick and stone addition, plain foundation, Main St., to J. Miles & Son Co., 393 Main St., Worcester. Archts. est. $150,000. Noted Apr. 28.

Mass., South Braintree (Ind. br. Boston) —CHURCH—St. Francis of Assisi Parish, W. H. Walsh, pastor, altering and constructing 1 story and basement, brick and stone addition, Washington St., to J. M. Dolan, 263 Bway., Boston. Archts. est. $150,000. Noted Apr. 28.

R. I., Woonsocket — CHURCH — Notre Dame Des Victories Roman Catholic Church, A. Girroux, pastor, brick and stone, Spring and Prospect Sts., to R. J. MacIntyre, 6 Fairoakes Ave., Providence. Archts. est. to exceed $150,000.

Conn., Hartford — CHURCH — St. Lawrence O'Toole Parish, J. A. Dooley, pastor, 157 Hillside Ave., 1 story, 80 x 105 ft., brick and stone, Wilson and Hillside Aves., to D. F. Ahern, 43 Farmington St. Archts. est. $150,000. Noted Mar. 31.

Conn., New Britain—SCHOOL—City, J. M. Halloran, chn. building com., general contract 2 story and basement 115 x 158 ft., brick, steel and concrete, Clinton St., from M. A. Connor Co., 15 Standish St., Hartford, $136,900. Noted Apr. 21.

N. J., Bayonne—CHURCH—St. Vincent de Paul Church, 47th St. and Avenue C.

News-Record Information Bureau

Are you making the most use out of this equipment information bureau? Let *News-Record* help you get in touch with those who can best meet your requirements for machinery and materials.

Use the Coupon to make your requirements known

A. W. Welch,
ENGINEERING NEWS-RECORD,
Tenth Ave. at 36th St., New York, N. Y.

In the market for:

. . . . . .

. . . . . .

. . . . . .

Name . . . . . .

Address . . . . . .

Constr. News page 329

Buildings—Educational, Religious (Cont.)

general contract 1 story, 165 x 175 ft., brick and steel, plain foundation, 47th St. and Avenue C, to C. J. Smith Constr. Co., Academy St., Trenton. Archts. est. $200,000. Noted Apr. 7.

N. J., Englewood — SCHOOL — St. Cecelia's Roman Catholic Church, Demarest Ave., general contract 2 story, brick and steel, plain foundation, Demarest Ave., to James L. Bried, West St.; heating, to W. Beck, 49 Dean St. Archts. est. $250,000.

N. J., Jersey City — COMMUNITY — Jewish Community Center, general contract 4 story, 105 x 275 ft., brick and steel, plain foundation, Reade St. and Bergen Ave., here, to J. Gold, 177 Wegman Parkway. Archts. est. $250,000.

N. J., Passaic — SYNAGOGUE — Owner, c/o Preiskel & Skvarla, archt., 591 Main Ave., general contract 2 story, 40 x 120 ft., brick and steel, plain foundation, Washington Pl., to Stephen Pellegrino., 198 Washington Pl. Archts. est. $150,000. Noted Apr. 14.

N. J., Plainfield — SYNAGOGUE — Congregation Temple Sholem, c/o Bloch & Hesse, 18 East 41st St., New York City, general contract 2 story and basement, 60 x 92 ft., brick and steel, plain foundation, here, to A. Milne, 5 Watchung Ave. Archts. est. $150,000.

Pa., Phila.—SCHOOL—Bd. Educ., 19th and Chestnut Sts., general contract school, 9th and Lindley Sts., to Gorman & Frank, 6912 Market St., $127,000.

Pa., Pittsburgh — CHURCH — St. Walberga Roman Catholic Church, 1 story, 50 x 120 ft., steel and stone church, to Duquesne Constr. Co., 5131 Cypress St. Archts. est. $150,000. Noted Mar. 3.

O., Cleveland Heights (br. Cleveland)—PARISH HOUSE — Walker & Weeks, archts., 2341 Carnegie Ave., Cleveland, 2 story and basement, 72 x 142 ft., brick, steel and concrete, Fairmount Blvd. and Coventry Rd., here, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, for St. Pauls Episcopal Church. W. R. Breed, pastor, 4108 Euclid Ave., Cleveland. $150,000.

O., Shaker Heights (br. Cleveland)—SCHOOL—Laurel School for Girls, S. E. Lyman, 1971 East 97th St., Cleveland, 3 story 142 x 296 ft. main building, 2 story, 88 x 126 ft. residence hall, and 2 story, 46 x 63 ft. servants hall, all foregoing brick, steel and concrete, Lyman Circle, to Cravell & Little Constr. Co., B. F. Keith Bldg., Cleveland. Archts. est. $500,000.

O., Tiffin—CHURCH—Trinity Reformed Church, E. W. Loudes, pastor, 1 story, 100 x 170 ft., stone, to E. J. Pattison, Barnesville. Archts. est. $150,000.

O., Wyoming—SCHOOL—Clerk Bd. Educ., 3 story and basement, 27 x 90 ft., brick and rein.-con. and plain foundation, Wyoming Ave., to E. Hennert, Colerain Pk., $400,000. Noted May 5.

Ind., Indianapolis — CHURCH — Roberts Park Church, Delaware and Vermont Sts., general contract steel and stone, to Hall Constr. Co., 405 Bd. of Trade Bldg. Archts. est. $150,000.

Ind., Valparaiso — SCHOOL—Valparaiso Gymnasium Assn., general contract 1 story and basement, 100 x 120 ft. school, incl. auditorium and gymnasium, to Tonn & Black, Michigan City. Archts. est. $150,000. Noted Mar. 17.

Minn., St. Paul — HIGH SCHOOL — Archdiocese of St. Paul, c/o A. Dowling, archbishop, 2 story, high school, and 3 story brothers house, rein.-con., brick and stone, to Paul Steenberg Constr. Co., 914 Builders Exch. Bldg. Archts. est. $100,000. Noted Apr. 21.

Wis., Grafton — SCHOOL — Jefferson School Dist. 1 concrete and masonry contract, 2 story and basement, 40 x 60 ft., and 80 x 80 ft., brick, plain foundation, Broad and West Sts., to R. Riesen & Sons, Milwaukee. Noted Apr. 7.

Ia., Des Moines — EDUCATIONAL and GRAND STAND—Iowa State Fair Bd., 3 story, 100 x 600 ft., rein.-con., brick, steel and stone, plain foundation, to J. E. Lovejoy, 1006 Mulberry St., $226,388.

Minn., St. Paul — SCHOOL — Christian Brothers, 204 West 5th St., general contract, (carpentry and masonry work only), 3 and 2 story and basement, U shaped, rein.-con., brick and stone, Randolph Ave., to Paul Steenberg Constr. Co., 914 Builders Exch. Bldg. Archts. total est. approximately $400,000. Noted Apr. 21.

Kan., Ottawa—SCHOOL—Bd. Educ., C. W. Murphy, clk., general contract 3 story, 80 x 134 ft. with two 36 x 92 ft. wings, rein.-con., brick and stone, to Busboom Bros., Fairbury, Neb., $131,780; steam heating and plumbing, to Sell-Orr Heating Co., Independence. Archts. est. $210,000. Noted Nov. 18.

Constr. News page 330

Mo., St. Louis—CONVENT—Convent of Devine Love, c/o M. Ancilla, Phila., Pa., 3 story and basement, 142 x 157 ft., rein.-con., brick and terra cotta, Warne and Zealand Sts., here, to Cornet & Casey Constr. Co., Chemical Bldg.

Calif., El Segundo—ADMINISTRATION—El Segundo High School Dist., brick and concrete administration building, to Baruch Corp., Lincoln Bldg., Los Angeles, $208,555.

Calif., Pasadena — CHURCH — St. Andrews Parish, 1 story with 200 ft. tower, 112 x 195 ft., rein.-con., Raymond Ave. and Chestnut St., to J. V. McNeil Co., 5860 Alvalon Blvd., Los Angeles. $250,000. Noted Dec. 16.

Federal Government Work

Proposed Work

D. C., Wash. — Memorial — Dept. Pub. Buildings, Navy Bldg., having plans prepared by Trowbridge & Livingston, 527 5th Ave., New York City, for Memorial to Women of World War Building, 3 story, concrete and marble, plain foundation, 17th St. near E St. $400,000. Natl. headquarters of Red Cross, lessee.

D. C., Wash. — Administration — War Dept. soon takes bids west and east wing additions, with connecting corridors, at Walter Reed Hospital, here. $1,110,000. Noted Aug 19, 1926.

Bids Desired

Mass., Chelsea (br. Boston) — Repairing Lightship — May 25, by Superintendent Lighthouses, drydocking and repairing Lightship 66.

New York—Pipe Line—June 1, at office Constructing Quartermaster, 39 Whitehall St., New York City, 12 in. flexible joint submarine water line from Brooklyn to Governors Island; adv. E. N.-R. May 19.

New Jersey — Rip Rap — May 31, by Superintendent Lighthouses, St. George, N. Y., furnishing and installing approximately 5,000 tons rip rap stone for foundations of beacons in Raritan Bay, here.

Pa., Fort Mifflin—Steel Stack—Spec. 5371—May 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., replacing self supporting steel stack, 90 ft. high, 2½ ft. in diam. at top, at Naval Ammunition Depot, here.

Pa., Phila.—Refrigerating Plant, etc.—Spec. 5348—May 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., automatic refrigerating and cold storage plant, here. Noted May 12.

W. Va., Huntington—Boat—June 14, by U. S. Engineer Office, 1 steel maneuver boat, here; adv. E. N.-R. May 19.

N. C., Oteen—Refrigerating, etc.—May 31, by U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., mortuary refrigerating and refrigerating machinery in Building 521, at U. S. Veterans' Hospital, here.

Fla., Pensacola—Bulkheads, etc.—Spec. 5359—June 1, by Bureau Yards and Docks, Navy Dept., Wash., D. C., concrete bulkhead, seaplane runways, and paving at Naval Air Station, here.

La., New Orleans — Inspection Boat — June 2, by U. S. Engineers Office, Army Supply Base, Poland and Dauphine Sts., 1 steel hull inspection boat, 85 ft. long; adv. E. N.-R. May 19.

Ill., Great Lakes (mail Waukegan)—Reroofing—Spec. 5367—May 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., reroofing Buildings 1510A and 1510B, at Naval Training Station, here.

Mo., Grand Pass—Dikes—June 4, by U. S. Engineer Office, 707 Postal Bldg., Kansas City, constructing 5,000 ft. standard pile dikes in Missouri River, at Tamerlane Bend, 3 mi. from here.

Contracts Awarded

Mass., Newburyport—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., 1 story and basement, brick, steel and stone, here, to A. M. Lundberg, 208 North Bway., St. Louis, Mo., $85,000. Noted Apr. 7.

Va., Norfolk — Quarters — Spec. 5253—Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing officers quarters and pharmacists quarters, here, to H. M. Lucas 115 Bruce St., Portsmouth, $56,770. Noted Apr. 14.

N. C., Fort Bragg—Barracks—Constructing Quartermaster, Apr. 30, constructing Standard Battalion Field Artillery Barrack Building, here, to C. W. Noble & R. J. Rasmussen, 206 State Bank Bldg., La Crosse, Wis., $197,247; plumbing, to Palmer-Spivey Constr. Co., Charlotte, N. C., [illegible] 400; and heating, to W. W. Dick, Greensboro, N. C., $15,249. Grand total $[illegible] 896. Noted Apr. 7.

N. C., Oteen—Plumbing, etc.—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., plumbing, sanitary drainage and heating of receiving building U. S. Veterans' Hospital, here, to B. L. Williams, 271 Bank St., Norfolk, Va., $37,518. Noted May 5.

S. C., Lancaster—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., U. S. Post Office, here, to C. Wentz Sons, 713 Mulberry St., Des Moines, Ia., $65,496. Noted Mar. 24.

Indiana—Dredging—U. S. Engineer Office, Chicago, Ill., dredging in Indiana Harbor Canal, to FitzSimons & Connell Dredge & Dock Co., 10 La Salle St., Chicago, Ill., $32,518.

Ill., Chicago—Cement—U. S. Engineer Office, 537 South Dearborn St., 9,800 bbl. portland cement, to Marquette Cement Mfg. Co., 40 South Dearborn St., $22,794. Noted May 12.

S. D., Chamberlain—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here, to W. D. Lovell, 1415 8th St., Minneapolis, Minn., $49,850. Noted Mar. 24.

Wash., Camp Lewis — Barracks — Constructing Quartermaster, May 5, 2 standard barracks and 1 regimental headquarters, here, to A. Gutherie & Co., Sherlock Bldg., Portland, Ore., $592,500. Noted Apr. 14.

Calif., Richmond—Dredging—U. S. Engineer Office, Customhouse, dredging in Richmond Harbor, to United Dredging Co., Central Bldg., Los Angeles, $231,947. Noted Mar. 24.

Calif., San Francisco—Jetty—U. S. Engineer Office, furnishing stone for jetty construction in Humboldt Bay, to A. D. Kern, 290 Salmon St., Portland, Ore., $235,950.

FEDERAL POWER COMMISSION

Application for License and Permits

Applications

791—Washington Water Power Co., 825 Trent St., Spokane, Wash., wants license transmission line partly on public lands in Okanogan Co.

792 — Dakota Power Co., Rapid City, S. D., wants license constructing power project on Rapid Creek, in Pennington Co. within Black Hills Natl. Forest.

793 — Wakefield Fisheries (Inc.), L. C. Smith Bldg., Seattle, Wash., wants license small constructed power project on Deep and Long Lakes and Red Bluff Creek, Alaska, within Tongass Natl. Forest.

794—Deep Sea Salmon Co., Colman Bldg., Seattle, Wash., wants license small constructed power plant on Margaret Creek, Alaska, within Tongass Natl. Forest.

795—Washington Water Power Co., 825 Trent St., Spokane, Wash., wants license 6 constructed transmission lines, within Coeur d'Alene Indian Reservation, and on public lands, in Spokane Co., Wash., and Benewah, Kootenai and Shoshone Counties, Idaho.

796—City of Phoenix, Ariz., wants license constructing transmission line in Maricopa Co., Ariz., within Camp McDowell and Salt River Indian Reservations and on public lands.

797—Paul Howard Kollinz, San Francisco, Calif., wants preliminary permit power project on Long, Crater and Sweetheart Creeks, Speel River and Sweetheart, Crater and Long Lakes, Alaska, within Tongass Natl. Forest.

798 — Savannah River Electric Co., Greenwood, S. C., wants license power project, consisting 90 ft. dam, power house and transmission lines, on Savannah River, in McCormick Co.

799—Bullion Mining Co., Ltd., Wallace, Idaho, wants license small constructed power project on Bullion Creek, in Shoshone Co., Idaho, within St. Joe Natl. Forest.

Unclassified

Proposed Work

Playground—Boston, Mass.—City, Dept. Pub. Wks., plans School Playground, Hull St. $25,000. J. H. Sullivan, comr.

Swimming Pool and Auditorium—Pittsfield, Mass. — Pittsfield Boys Club, c/o Harding & Seaver, archts., 7 North St., having plans prepared 1 story and basement, 100 x 100 ft., concrete swimming pool and brick auditorium. $50,000.

Greenhouse Extensions—Ithaca, N. Y.—Dept. Mental Hygiene, Capitol, Albany, takes bids probably in June, extending

Unclassified (Continued)

easterly, greenhouses, at Cornell University, here. S. W. Jones, Capitol, Albany, state archt. Noted Mar. 31.

Stadium—Asbury Park, N. J.—Asbury Park Comn., takes bids after May 24, concrete stadium, for Bd. Educ. $150,000. E. A. Arend, Kinmouth Bldg., archt. G. Hadden, 607 5th Ave., New York City, engr. Noted Apr. 14.

Air Port and Conduits—Baltimore, Md.—Voted $1,500,000 bonds, air port; and $1,000,000 bonds, new conduits.

Grade Crossing Elimination—Shreveport, La.—City and Kansas City & Southern Ry. Co., Kansas City Southern Bldg., Kansas City, Mo., A. M. Reece, ch. engr., making plans eliminating grade crossing, on Kings Highway and Vincent St. $250,000.

Grand Stand — Des Moines, Ia. — See "Buildings—Educational, Religious."

Swimming Pool — St. Louis, Mo. — See "Buildings—Commercial."

Causeway—Texas and Louisiana—C. O. Dunn & associates making preliminary plans, etc., rein.-con. and steel causeway over Sabine Lake connecting Cameron Parish, La. with Port Arthur, Tex. $200,000. Private plans.

High Power Tension Line — Texas — Western Power & Serv. Co., La Marque, making plans and soon takes bids high power tension line from La Marque to Alvin. $30,000. Private plans.

Natural Gas Line — Texas — Lashby & Crawford, San Benito, making plans probably 8 in. natural gas pipe line from San Benito to Mercedes. $200,000. Private plans.

Pipe Line—Texas—Continental Oil Co., Staley Bldg., Wichita Falls, made plans and soon takes bids 53 mi. probably 8 in. pipe line between Wichita Falls and Nocona Pool in Montague Co. $250,000. Private plans.

Transmission Line, etc.—Texas—Central Power & Light Co., c/o Frost Bldg., San Antonio, purchased Rio Grande City Ice Water & Light Co.'s property at Rio Grande, and plans serving property from generating plant at San Benito, also extending 28 mi. transmission line from Mission to Rio Grande. $65,000. J. Marriott, Frost Bldg., San Antonio, engr.

Land Development—Texas—Real Estate Bd., Jacksonville, making plans new townsite called Midway between Jacksonville and Carey Lake, incl. paving, sewers, waterworks, etc. $150,000.

Pipe Line — Abilene, Tex. — Gulf Pipe Line Co. making surveys 30 mi. 10 in. pipe line from Range Tank farm to Midland loading track, near here. $150,000. J. Gardner, Abilene, engr.

Land Development — Amarillo, Tex. — Odom-Cotton-Turnley & Co., Inc., 115 West 6th St., soon takes bids developing subdivision incl. paving, waterworks, sewers, etc., outside city limits. $125,000. Private plans.

Natural Gas System—Brownwood, Tex.—Morgan Utilities Co., 600 East Lee St., Little Rock, Ark., making plans, etc. natural gas distributing system, incl. 6- to 10-in. mains and 2- to 6-in. laterals, here. $60,000. Private plans.

Transmission Line—Del Rio, Tex.—See "Buildings—Industrial."

Lighting System—Harlingen, Tex.—Voted $40,000 bonds, extending and improving lighting system, incl. additional machinery and equipment. Address Mayor. Noted Apr. 14 under "Waterworks."

Land Development—Jacksonville, Tex.—T. E. Acker & E. S. Park, plan townsite development, incl. waterworks, sewers, etc. approximately 7 mi. from here. $100,000. Private plans.

Land Development—Mercedes, Tex.—H. Lawson and associates plan developing 40 acre into residential sub-division, incl. waterworks $25,000, distributing system $20,000. Private plans.

Land Development—San Antonio, Tex.—H. E. Dickinson, c/o Central Trust Bldg., purchased 100 acres overlooking Salado Valley, and making plans improving same, incl. hard paving $40,000, sewers $25,000, waterworks $16,000, etc. Private plans.

Tunnel—Wichita Falls, Tex.—Northwest Hospital for Insane, c/o H. H. Harrington, chn. State Bd., making plans steam heating tunnel. $25,000. Terrell Bartlett Engineers, Calcasieu Bldg., San Antonio, engrs.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., Insurance Bldg., Oklahoma City, made preliminary plans 12 mi. electric transmission line from Noble to Purcell. $30,006. Byllesby Eng. Co., 231 South La Salle St., Chicago, Ill., engrs.

Hydro-Electric Power Development — Sherbrooke, Que — Voted $500,000 hydro-electric power development, at Westbury.

Subway—Toronto, Ont.—York Twp. plans grading Ray Ave. subway. $75,000. F. B. Goedike, 40 Jarvis St., engr.

Street Lighting—Walkerville, Ont.—City Council plans improving and extending street lighting system. $75,000. A. Patterson, City Hall, engr.

Grain Elevator—Kamloops, B. C.—Banner Grain Co., c/o A. Boileau & Co., Edmonston, Alta., plans terminal, transfer and hospital elevator, here, $150,000. Engineer not selected.

Bids Desired

Boilers—Boston, Mass.—May 26, by Dept. Pub. Wks., boilers, etc. on ferry boat "John H. Sullivan." $25,000 bonds. J. H. Sullivan, comr.

Fire Alarm System—Brooklyn, N. Y.—May 26, by J. J. Dorman, fire comr., Municipal Bldg., New York City, portion underground fire alarm system, Flatbush improvement, here.

Playground—Tompkinsville (sta. Staten Island), **N. Y.**—May 24, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, grading, paving, fencing, drains, electrical work, etc., for playground adjoining P. S. 16, Daniel Low Terrace, Monroe Ave. and Corson St., here, Richmond Boro, for Bd. Educ., 500 Park Ave., New York City.

Fire Alarm Pedestals—Syracuse, N. Y.—May 23, by Bd. Contr. & Supply, City Hall, furnishing and installing 36 fire alarm pedestals. N. F. Pitts, Jr., city engr.

Sanitary Work—Utica, N. Y.—June 1, by Comr. Mental Hygiene, Dept. Mental Hygiene, Albany, sanitary work, and renewing plumbing in North Wing (Wards 2, 3, 7, 8, 11 and 12) at Utica State Hospital, here; adv. E. N.-R. May 17.

Switching and Central Equipment, etc.—Phila. Pa.—May 31, by Dept. City Transit, H. E. Ehlers, dir., switching and central equipment, auxiliary transformers, etc., for Sub-stations 4, 5 and 6, for Broad St. Subway, Contr. 149.

Stadium—Muskegon, Mich.—June 10, by Hackley Field Stadium Corp., Hackley School, 354 ft. rein.-con. stadium, 62 ft. wide, 31 ft. high, 6,263 seating capacity, on Sanford St. side Hackley Athletic Field, for Bd. Educ. $75,000. Osborn Eng. Co., 7016 Euclid Ave., Cleveland, O., engrs. Noted Apr. 28.

Swimming Pool—Cisco, Tex.—Lake Cisco Amusement Co., soon lets contract 700 ft. rein.-con. swimming pool, 267 ft. $35,000. Private plans.

Gas Mains—Vancouver, B. C.—See "Contracts Awarded."

Contracts Awarded

Fire Alarm System—Long Island City, N. Y.—J. J. Dorman, fire comr., Municipal Bldg., New York City, constructing portion underground fire alarm system, concentrating subways in vicinity Woodhaven Blvd. between Myrtle and Liberty Aves., to W. P. Dippel, Inc., 1 Hunter Ave., $72,140. Noted Apr. 28.

Signal System—Phila., Pa.—Dept. City Transit, 1211 Chestnut St., H. E. Ehlers, dir., automatic block signal and interlocking systems, for Broad St. Subway, Contr. 158, to Union Switch & Signal Co., Swissdale, $860,000. Noted Apr. 26.

Swimming Pool, etc.—Cleveland, O.—City, 120 x 240 ft. rein.-con. swimming pool and bath house at Forest Hill Parkway, to de Hamel Constr. Co., Plymouth Bldg., $138,700. Noted Apr. 14.

Swimming Pool—South Bend, Ind.—City, 100 x 165 ft. rein.-con. swimming pool, to R. Sollitt & Son, South Bend. Engrs. est. $135,000. Noted May 5.

Culverts—Adel, Ia.—See "Bridges."

Culverts—Clinton, Ia.—See "Bridges."

Culverts, etc.—Denison, Ia.—Crawford Co., 15 culverts and extensions and one through plate girder bridge with concrete deck girder approaches, on Primary Bridge Project 383, to Wickes Eng. & Constr. Co., 1441 Bluff St., Des Moines, $38,388. Noted Apr. 7.

Culverts, etc. — Indianola, Ia. — Warren Co., 33 box culverts and 1 slab bridge, to Material Supply & Contg. Co., Boone, $29,300.

Culverts, etc.—Toledo, Ia.—Tama Co., 9 concrete pipe culverts, to Wilson Constr. Co., Red Oak, $1,400, 19 box culverts, to Ingersoll-Stoufer Eng. Co., Marshalltown, $6,500, and 31 culverts, to E. Wolfe, Toledo, $10,550; 1 pony truss bridge, to W. A. Burton, Waterloo, $10,200. Grand total $28,650. Noted Apr. 21.

Coaling Station—Osawatomie, Kan.—Missouri Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., 450 ton capacity, coaling station, rein.-con., with 100 ton capacity auxiliary plant, here, to Fairbanks-Morse Co., 900 South Wabash Ave., Chicago, Ill.

Heating and Ventilating System — Columbia, Mo. — Bd. Educ., heating and ventilating system for Hickman Senior High School, to Southern Heating Co., 168 South 2nd St., Memphis, Tenn., approximately $55,000. Noted Mar. 24.

Gas Holder — St. Louis, Mo. — Laclede Gas Light Co., 11th and Olive Sts., remodeling and constructing addition to gas holder, 145 Rutger St., to Western Gas Constr. Co., 1429 Buchanan St., Fort Wayne, Ind. Engrs. est. $75,000.

Gas Pipe Line—Texas and Kansas—Empire Gas & Fuel Co., c/o G. A. Thompson, purch. agt., Bartlesville, Okla., 20,000 tons each, 20 in. pipe for 250 mi. natural gas line from Amarillo, Tex. connecting with present line going to Kansas City, Kan., to Youngstown Sheet & Tube Co., Youngstown, O., and Spang, Chalfant & Co., Union Bank Bldg., Pittsburgh, Pa. Noted Apr. 7.

Grain Elevator, etc.—Houston, Tex.—Port Comn., (**e. e. means engrs. est.**), grain elevator extension, carrier house and installing machinery, etc., to J. S. Metcalf Co., 111 West Jackson Blvd., Chicago, Ill., $91,000 e. e. $100,000; furnishing machinery for above, to Webster Mfg. Co., 4520 Courtland St., Chicago, Ill., $59,698 e. e. $50,000; and 5,911 lin.ft. 42 in. belting for same, to Diamond Rubber Co., 1925 South Michigan St., Chicago, Ill., $12,413 e. e. $15,000. Grand total $163,111.

Foundation — Los Angeles, Calif. — Supervs. Los Angeles Co., foundation for hospital, Mission Rd., to North Pacific Constr. Co., Detwiler Bldg., $130,200. Noted Feb. 24.

Lighting Systems—Los Angeles, Calif.—Ornamental lighting system on Pico Blvd., to G. W. Kemper, P. O. Box 126, Anaheim, $33,800.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Highland Ave. between Country Club Dr. and Pico Blvd., to D. S. McEwan, 3018 Lincoln Blvd., Ocean Park, $58,971.

Gas Mains — Vancouver, B. C. — Vancouver Gas Co., 425 Carroll St., will lay approximately 42 mi. high and low pressure gas mains in city and vicinity, by day labor. $300,000. J. Keillor, 425 Carroll St., engr.

Grain Elevator—Vancouver, B. C.—Vancouver Harbor Comrs., 525 Seymour St., general contract addition to No. 3 elevator, incl. 42 concrete bins 90 ft. high, 20 ft. diam., 2 elevators, conveyor gallery, etc. to Northern Constr. Co. Ltd., 736 Granville St., $400,000. Noted Apr. 14.

Materials

Proposed Work

Cinders—Brooklyn, N. Y.—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, rejected bids April 20, 15,000 cu.yd. steam cinders. Noted Apr. 14.

Bids Desired

Sand—Long Island City, N. Y.—May 23, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 4,000 cu.yd. sand.

Wrought Iron or Steel Bands, etc.—New York, N. Y. — May 26, by P. J. Dooling, comr. Purchase, Municipal Bldg., wrought iron or steel bands for rodding low pressure pipe and hydrants, also delivering, unloading, stacking and storing straight and flexible jointed cast iron pipe, special castings, fire hydrants, etc. for Dept. Water Supply, Gas & Electricity.

Rail Bonds, Frog Crossings, etc.—Phila., Pa.—May 27, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., rail bonds and terminals, Contr. 52; frogs, crossings and crossovers, Constr. 54; certain electric and mechanical apparatus, etc., Contr. 56; also bridge superstructures, Contr. 53.

Lumber — Bastrop, La. — May 24, by Police Jury Morehouse Parish, 67,681 ft. creosoted and 33,044 ft. untreated bridge lumber, also 5,112 lin.ft. piling delivered here. J. L. White, parish engr.

Lumber and Pipe—Des Moines, Ia.—May 23, at office Auditor Polk Co., 5,000 ft. corrugated culvert pipe, and 3 cars bridge lumber. F. O. Laing, Des Moines, co. engr.

Bids Received

Concrete Pipe — Baltimore, Md. — Bd. Awards, May 11, 14,000 lin.ft. 24- to 36-in. rein.-con. pipe, Material Contr. 63, from Lock Joint Pipe Co., Ampere, N. J., $47,925. Noted May 5.

See proposal advertising on page 142

Constr. News page 331

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Bridge—Falmouth, Ky.

Bids were opened by State Highway Commission, Frankfort, Mar. 31, for substructure encasement for bridge over Licking River, Pendleton Co., S. P. 101-A, from (A) Codell Construction Co., Winchester; (B) E. R. Mills, Newport; (C) Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa.; superstructure, from (A) Vincennes Bridge Co., Vincennes, Ind.; (B) Oregonia Bridge Co., Lebanon, O.; (C) E. R. Mills, Newport. The unit bids are as follows:

Substructure	A	B	C
6.0 cu.yd. class "D" concrete	$60.00	$70.00	$50.00
665.0 cu.yd. class "F" concrete	22.00	23.00	24.00
38,140 lb. reinforcing steel	.05	.06	.05
210 cu.yd. excavation dry common	1.25	2.00	2.00
110 cu.yd. excavation wet common	3.50	4.00	3.00
10 cu.yd. excavation dry rock	2.00	3.00	5.00
15 cu.yd. excavation wet rock	4.00	5.00	10.00
Totals	$17,624	$18,968	$19,117
Superstructure	**A**	**B**	**C**
397,400 lb. structural steel	$0.0595	$0.063	$0.0645
166.4 cu.yd. class "F" concrete	21.00	23.30	22.00
32,720 lb. reinforcing steel	.05	.0338	.0475
Totals	$28,775	$30,019	$30,847

Road—Nevada

Bids were opened by Department of Highways, Carson City, Apr. 13 (lowest three) for constructing 17.75 mi. highway from Fanning to Lovelock, Churchill and Pershing Counties, from (A) Fred Coolidge, Reno, (awarded contract); (B) Dodge Bros., Inc., Fallon; (C) J. N. Tedford, Fallon. The unit bids are as follows:

	A	B	C
132,000 cu.yd. excavation unclassified	$0.22	$0.25	$0.25
17.75 miles prepare subgrade and shoulders	75.00	75.00	75.00
39,600 cu.yd. gravel surface complete in place	1.05	1.05	1.15
580 cu.yd. class "A" concrete	31.50	30.00	32.00
65 cu.yd. class "B" concrete	31.50	30.00	32.00
792 lin.ft. 18-in. corr. metal pipe	1.78	1.75	1.75
528 lin.ft. 24-in. corr. metal pipe	2.50	2.50	2.50
112 lin.ft. 30-in. corr. metal pipe	3.02	3.25	3.00
90 lin.ft. 36-in. corr. metal pipe	3.51	4.00	4.00
44 monuments	3.00	3.00	3.00
1,220 lin.ft. removing and resetting fence	0.03	0.05	0.05
Furnishing watering equip. (lump sum)	300.00	1,250.00	500.00
2,762 m.gal. applying water	2.00	2.00	2.50
Totals	$101,645	$105,658	$111,611

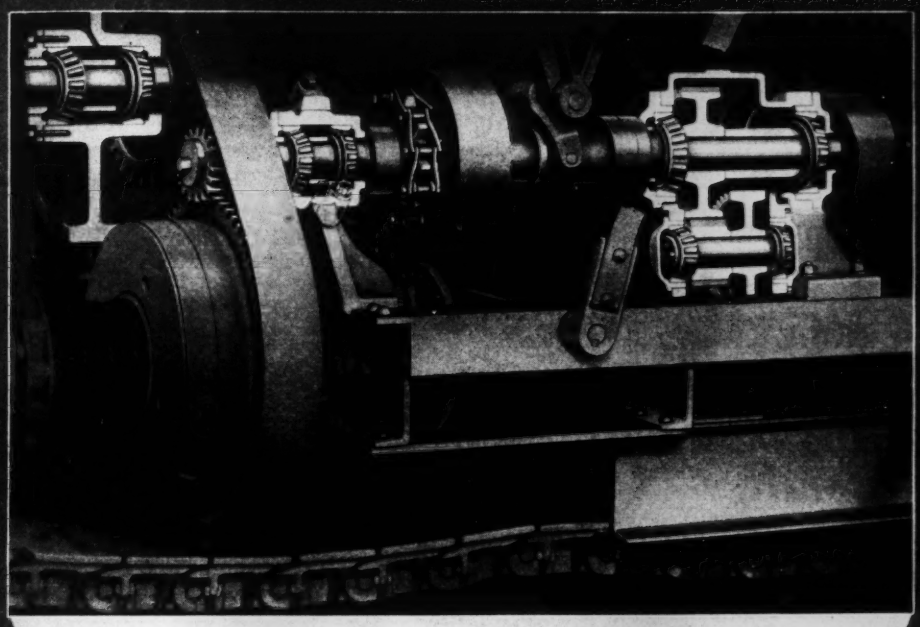
Bridge—Poughkeepsie, N. Y.

Bids were opened by F. S. Greene, Supt. Public Works, Albany, Mar. 9, for completion of approach and anchorages and construction of superstructure of Mid-Hudson Bridge, from (A) Engineer's Estimate; (B) American Bridge Co., 71 Bway., New York (awarded contract); (C) Ground Construction Co., 236 West 116th St., New York; (D) Bethlehem Steel Co., Inc., 701 East 3rd St., Bethlehem; (E) McClintic-Marshall Co., Pittsburgh; (F) Keystone State Corp., 300 Franklin Bank Bldg., Philadelphia; (G) Frederick Snare Corp., 114 Liberty St., New York. The unit bids are as follows:

	A	B	C	D	E	F	G
Clearing of site, etc. (lump sum)	$1,000.00	$1,100.00	$1,500.00	$500.00	$2,250.00	$1,116.00	$4,000.00
1,500 cu.yd. earth excavation	2.00	3.15	4.00	1.00	2.30	3.00	2.50
1,200 cu.yd. rock excavation	5.00	7.90	7.00	3.00	4.50	3.00	7.00
20,500 bbl. portland cement	3.00	2.95	3.20	2.50	2.70	3.00	2.80
2,450 cu.yd. cement conc. pav't 1:1½:3	30.00	22.50	25.00	20.00	21.00	30.00	42.00
1,500 cu.yd. cement conc. pav't 1:2:4	20.00	22.50	20.00	20.00	21.00	9.50	26.00
580 cu.yd. cement conc. pav't 1:2:4 s. w., etc	40.00	45.25	40.00	40.00	41.00	42.10	85.00
1,350 cu.yd. concrete, class "A"	20.00	19.00	16.00	15.00	18.00	11.00	20.00
5,500 cu.yd. concrete, class "B"	13.00	16.00	14.00	13.00	14.00	10.50	15.00
850 cu.yd. granite mas. 2nd cl. Ashlar facing	50.00	72.00	60.00	50.00	59.00	76.00	73.00
630 cu.yd. granite masonry, etc	50.00	73.00	60.00	50.00	62.00	83.00	75.00
460 cu.yd. granite mas. fine pf'd Ashlar	125.00	155.00	120.00	130.00	122.00	148.00	135.00
456 lin.ft. granite rail copings	18.00	16.00	14.00	15.50	15.00	15.80	13.00
6,350,600 lb. silicon steel in towers	.11	.088	.089	.1055	.0917	.091	.094
1,700,000 lb. carbon steel in towers	.10	.088	.089	.0887	.0917	.091	.094
186,000 lb. cast steel in towers	.18	.116	.116	.1863	.1298	.13	.116
60,000 lb. hoods at top of towers	.30	.15	.15	.1475	.25	.25	.17
Glazing of tower hoods (lump sum)	100.00	1,130.00	1,000.00	112.00	1,000.00	500.00	500.00
410,000 lb. steel castings, anchorages, etc	.20	.115	.115	.1554	.1412	.15	.125
80,000 lb. truss anchorages	.07	.09	.09	.0945	.0849	.10	.095
4,100,000 lb. wire cables	.25	.1725	.22	.17	.2228	.21	.247
34,000 lin.ft. 1¼-in. diam. suspender ropes	2.30	1.10	1.40	1.50	1.39	2.20	1.90
330,000 lb. steel castings, rope sockets	.30	.174	.17	.25	.3188	.25	.30
40,600 lb. high tensile bolts	.30	.076	.12	.085	.138	.27	.25
11,000 lb. wrought steel shims	.10	.075	.07	.07	.0642	.18	.15
5,000 lb. cast iron separators	.10	.125	.12	.13	.0942	.35	.25
13,000 lin.ft. hand ropes	.60	.30	.40	.30	.49	.49	.60
128,000 lb. wrapping wire	.30	.145	.10	.30	.4815	.47	.25
12,000 lb. hand rope supports	.20	.076	.25	.30	.1605	.30	.25
3,900,000 lb. silicon steel in stiffening, etc	.085	.067	.072	.085	.0735	.0725	.075
7,000,000 lb. carbon steel, etc	.075	.067	.072	.0766	.071	.07	.075
8000 lb. phosphor bronze, etc	.60	.375	.40	.6935	.55	.55	.375
80,000 lb. cast steel, etc	.18	.1135	.113	.1685	.136	.15	.1135
800,000 lb. reinforcing steel	.055	.063	.06	.05	.055	.075	.055
15,000 lb. catch basins, etc	.12	.16	.20	.155	.12	.19	.15
13 m.b.m. timber inspection walks	175.00	210.00	400.00	250.00	203.00	200.00	300.00
600 lin.ft. vitrified clay pipe 5-in. diam.	.40	.32	.20	.35	1.60	1.50	1.50
500 lin.ft. lead pipe 1¼-in. diam	1.25	1.35	3.00	1.00	1.00	3.00	2.00
Electrical work (lump sum)	37,500.00	36,000.00	32,000.00	44,707.00	24,000.00	56,000.00	33,000.00
40,000 lb. cast iron lighting fixtures (except granite masonry)	.15	.13	.50	.10	.35	.27	.50
Toll House complete, etc. (lump sum)	15,000.00	8,400.00	12,000.00	40,000.00	13,000.00	25,000.00	22,000.00
Bronze name plate	1,000.00	950.00	1,000.00	1,000.00	1,200.00	1,800.00	600.00
Totals	$3,690,000	$2,963,259	$3,199,866	$3,230,000	$3,312,031	$3,342,074	$3,587,860

Constr. News page 332

UNIT PRICES *continued on page 332a*



There is no paver as easily cared for—that means savings and profit

Look over the power assemblies on other pavers *—and then look at the MultiFoote.*

You find all the main power assemblies mounted on Timken bearings on two main shafts with parts requiring continuous lubrication encased in oil tight and dust proof housings. These shafts are right together, breast high and unobstructed. That's simplicity and it assures the easy upkeep that means trouble-free operation and longer life—proven results of MultiFoote design.

It's one year ahead.

The FOOTE COMPANY, Inc.
of Nunda, N. Y.
World's largest exclusive builders of road pavers

MULTIFOOTE
The Paver with Timken Bearings

FRANK E. HALL
152 W. 42nd St.
New York City

WILCOX BROS., Inc.
588 Chenango St.
Binghamton, New York

E. J. McHARG & CO.
31 Crestmont Rd.
Binghamton, New York

MULTIFOOTE SALES CO.
2811 W. Fulton St.
Chicago, Ill.

BURTON FRANKLIN
Volunteer Bldg.
Chattanooga, Tenn.

EDWARD R. BACON CO.
Folsom at 17th Streets
San Francisco, Calif.

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Highway—New Jersey

Bids were opened by State Highway Commission, Trenton, Mar. 7, for constructing Route 16, Sect. 9, Woods Tavern-Harlingen section state highway, Somerset County, from (A) Conrad Sebolt, 16 Richmond St., New Brunswick, (awarded contract); (B) Henry W. Horst Co., Rock Island, Ill.; (C) William Eisenbery, 5th and Market Sts., Camden. The unit bids are as follows:

	A	B	C
20,684 cu.yd. unclass. excav.	$1.19	$1.00	$1.45
1,000 cu.yd. sub-base, including excav.	4.00	4.00	3.00
46,608 sq.yd. surface type "C"; one course rein. cement conc. pavement, 8 in. uniform thickness (1:1½:3½ mix with 2 lines of rein.)	2.83	3.31	2.99
88 sq.yd. plain conc. gutter, 6 in. thick (1:2:4 mix)	2.97	3.00	2.50
1,264 sq.yd. rebuilt macadam	.75	1.55	.90
84.7 cu.yd. class "C" conc. (1:2:4 mix)	25.00	26.00	30.00
2 drop inlets, type "B"	90.00	95.00	125.00
1,980 lin.ft. cement conc. curbing 8x9x20 in.	1.00	1.50	.90
278 lin.ft. 16 in. c.i. pipe	4.00	4.70	3.50
12 lin.ft. 18 in. c.i. pipe	5.00	5.00	5.50
232 lin.ft. 36 in. c.i. pipe	14.00	16.00	15.00
210 lin.ft. 15 in. double strength vitr. clay pipe	2.00	2.70	2.50
322 lin.ft. relaid 12 in. c.i. pipe	2.00	1.35	2.00
4,461 lin.ft. new fence	.32	.20	.40
3,857 lin.ft. reset fence	.27	.15	.20
5,800 lin.ft. wire rope railing	.85	.90	.90
3,336 lin.ft. thorn hedge to be removed	.10	.25	.15
411 lin.ft. reset privet hedge	.50	.20	.50
71 monuments to be set	7.00	1.00	3.00
160 trees to be removed	10.00	17.00	15.00
200 sq.yd. resodding slopes	1.25	1.35	1.00
1—4 x 3-ft. rein. conc. culvert	29.00		
1—3 x 3-ft. 6-in. rein. conc. culvert extension	1,000.00	750.00	800.00
2,500 lb. deformed steel bars	.05	.06	.06
Bridges			
516 cu.yd. unclass. foundation excav.	9.00	1.70	6.00
31 cu.yd. dry rubble masonry composed of stone taken from existing structure.	18.00	7.50	3.00
166 lin.ft. rein. conc. balustrades, class "A" (1:1½:3 conc.)	9.00	6.70	7.00
396 cu.yd. class "B" (1:2:3½ conc.)	31.00	23.00	36.00
402 cu.yd. class "C" (1:2:4 conc.)	25.00	22.00	24.00
173 cu.yd. class "D" (1:3:5 conc.)	10.00	20.00	22.00
40,540 lb. rein. steel	.09	.06	.10
620 lin.ft. standard metal caging for encasement of beam flanges	.15	.30	
354 sq.yd. asphalt block paving	6.00	5.00	6.00
3,275 sq.ft. fabric waterproofing	.25	.25	.25
40,400 lb. structural steel	.09	.08	.07
Removing old structural steel beams from existing structure, cleaning, erecting and fastening same complete on new structure (lump sum)	200.00	270.00	500.00
220 cu.yd. unclass. channel excav.	3.00	2.00	
Bridge at Sta. 382 + 90	150.00	270.00	2,500.00
Bridge at Sta. 322 + 59	100.00	130.00	500.00
Bridge at Sta. 296 + 85	1,650.00	270.00	3,000.00
Totals	$230,372	$239,677	$243,703

Street Improvement—Los Angeles, Calif.

Bids were opened by City for improving Oakshire Drive between Cahuenga Boulevard and west terminus, from (A) Underground Construction Co., 2210 Hyperion Ave.; (B) P. L. Hedrick; (C) W. F. Peck Co.; (D) M. Blumenkranz. The unit bids are as follows:

	A	B	C	D
Grading (lump sum)	$2,500.00	$4,200.00	$5,570.00	$7,500.00
10,029 sq.ft. oiled rdwy.	.07	.10	8.5	.06
219,134 sq.ft. 5-in. conc. pave	.18	.19	17.75	19.5
Electric conduit (lump sum)	35,580.00	37,000.00	40,238.00	14,250.00
Ornamental lighting system (lump sum)	14,933.00	16,000.00	14,894.00	38,250.00
5,869 lin.ft. reinf. curb	.54	.50	.55	.75
4,378 lin.ft. unplastered curb	.54	.50	.50	.50
33,732 sq.ft. 1-course cem. walk	.15	.16	13.5	.17
Stairway (lump sum)	1,550.00	2,000.00	1,925.00	2,250.00
Water main (lump sum)	17,600.00	17,500.00	16,995.00	18,500.00
Storm drain (lump sum)	600.00	500.00	1,719.00	625.00
Totals	$123,502	$130,359	$131,066	$137,033

Road—Idaho

Bids were opened by Department Public Works, Bureau of Highways, Boise, Mar. 28, (lowest three) for improving 7.312 mi. of Old Oregon Trail between Weiser and Fayette Co. line, Washington Co., F. A. P. 105-A, from (A) Quinn Bros. & Robbins, Horseshoe Bend, (awarded contract); (B) Duffy Reed, Twin Falls; (C) Morrison-Knudsen Co., Boise. The unit bids are as follows:

	A	B	C
46,000 cu.yd. excavation unclassified	$0.28	$0.30	$0.30
550 cu.yd. structure excavation unclassified	2.50	1.25	1.50
74,000 st.yd. overhaul	.04	.05	.03
1,700 cu.yd. surfacing binder	.55	.55	.75
9,000 cu.yd. cr. rock or gravel surf. new	1.80	2.35	2.25
8,600 M.yd. overhaul on binder	.25	.25	.18
136 cu.yd. concrete class "A"	26.00	26.00	30.00
15,000 lb. metal reinforcing	.10	.08	.08
542 lin.ft. 12-in. c.i. pipe (U. H. & P.)	.30	.25	.50
134 lin.ft. 18-in. c.i. pipe (U. H. & P.)	.50	.45	.60
6 lin.ft. 24-in. c.i. pipe (U. H. & P.)	1.00	.60	.75
92 lin.ft. 36-in. c.i. pipe (U. H. & P.)	1.00	.75	1.00
125 lin.ft. 8-in. concrete pipe relay	.30	.40	.45
300,000 gal. sprinkling water	.005	.005	.0035
1,320 lin.ft. guard rail type "E"	1.00	1.00	1.00
7,800 sq.yd. surfacing salvaged by State	.03	.02	.02
35,000 sq.yd. surfacing salv. by contractor	.03	.05	.12
Totals	$46,005	$52,203	$52,428

Dam—Wheatland, Calif.

Bids were opened by Camp Far West Irrigation District (lowest four and highest) for constructing dam across Bear River, from (A) Ward Engineering Co., 315 Montgomery St., San Francisco (awarded contract); (B) C. A. Hudson, Los Angeles; (C) Frederickson & Watson, Oakland; (D) Holdener Construction Co., Sacramento; (E) R. B. McNair, Oakland. The unit bids are as follows:

	A	B	C	D	E
5,200 cu.yd. gravel excavation	$3.50	$2.25	$3.00	$5.00	$6.85
600 cu.yd. rock excavation in found.	3.75	5.00	4.50	9.00	13.75
2,000 cu.yd. dry stripping	2.00	3.00	3.00	3.00	2.15
60 cu.yd. class A concrete (dist. furn. cement and rein. steel)	.....	6.25	8.00	12.00	17.30
60 cu.yd. class A concrete (dist furn. rein. steel)	19.50	10.00	12.20	16.65	20.00
9,000 cu.yd. class B concrete (dist. furn. cement and rein. steel)	.....	5.00	4.75	3.40	8.00
9,000 cu.yd. class B concrete (dist. furn. rein. steel)	6.75	8.25	7.55	6.50	10.75
3,000 lb. rein. steel in place	.024	.02	.06	.04	.03
15 tons placing struc. metal	.024	.03	.02	.025	.025
18M ft. b.m. sluiceway lining	48.00	70.00	100.00	80.00	125.00
Totals (owner furn. cement)	.....	$70,696	$71,710	$73,030	$126,848
Totals (contr. furn. cement)	$89,946	100,170	97,162	101,209	151,760

Constr. News page 332a